حمل الآن

مجانا وحصريا

المراجعة رقم (1)







Revision 2024

1 Assessments on Units



Assessment on Unit 1



First: Choose the correct answer:

1. 45,000.04 **(In word form)**: ………………… .
   - ⓐ Forty-five and four hundredths
   - ⓑ Forty-five and four thousandths
   - ⓒ Forty-five thousand and four hundredths
   - ⓓ Forty-five thousand and four thousandths

2. Six milliard, Twenty million, 4 hundred thousand, eighty is ………………… .
   - ⓐ 6,020,400,080 ⓑ 6,200,400,800 ⓒ 6,002,004,800 ⓓ 6,248

3. The value of ………………… is increased by a factor of 10 to 75.2.
   - ⓐ 752 ⓑ 7.52 ⓒ 75.2 ⓓ 0.752

4. $50 + 7 + 0.02 + 0.004 =$ …………………
   - ⓐ 57.024 ⓑ 57.24 ⓒ 57.6 ⓓ 57.204

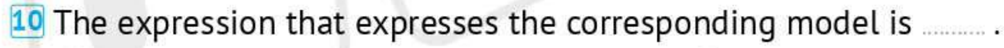
5. $47.98 \approx$ ………………… **(To the nearest Tenth)**
   - ⓐ 47.9 ⓑ 47.0 ⓒ 48.0 ⓓ 48.9

6. $3.07 =$ …………………
   - ⓐ $30 + 7$ ⓑ $30 + 0.7$ ⓒ $3 + 0.07$ ⓓ $30 + 0.07$

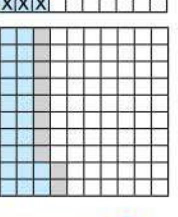
7. $85.23 \div 10 =$ …………………
   - ⓐ 8,523 ⓑ 852.5 ⓒ 85.25 ⓓ 8.523

8. $23 + 0.9$ ◯ $230 + 0.09$
   - ⓐ $>$ ⓑ $<$ ⓒ $=$ ⓓ $\leqslant$

9. The expression that expresses the corresponding model is ……… .
   - ⓐ $0.3 - 0.025$ ⓑ $0.3 + 0.25$
   - ⓒ $0.3 - 0.25$ ⓓ $0.03 + 0.25$



10. The expression that expresses the corresponding model is ……… .
   - ⓐ $2.2 + 0.32$ ⓑ $0.22 - 0.32$
   - ⓒ $0.22 + 0.1$ ⓓ $0.22 - 0.01$



Second: Complete the following:

1. Sixty-five million and five thousandths **(In standard form)**: ....
2. In 8,567.491, the place value of 9 is .... and its value is ....
3. The value of 56.47 is decreased by a factor of 10 to ....
4. 43.78 ≈ .... **(To the nearest Tenth)**
5. 400 + 20 + 0.1 + 0.008 = ...
6. 45.95 X 10 = ...
7. 6 Hundredths + 6 Thousandths = ... Thousandths
8. The estimated difference of (7.12 – 2.9) using rounding to the nearest whole number strategy is ....
9. .... + 0.62 = 1
10. .... – 0.12 = 0.88

Third: Match:

1. Three hundred and three hundredths
2. 300 + 0.3
3. 3.003 X 10
4. 30.03 ÷ 10
5. 3.93 – 0.9

a. 300. 3
b. 300.03
c. 3.03
d. 30.03
e. 3.003

Fourth: Compare using (<, = or >):

1. 35.001 ◯ 35.100
2. 75.012 ◯ 75.102
3. 100 + 2 + 0.05 ◯ 100.25
4. 45.6 X 10 ◯ 45 ÷ 10
5. 80.002 ◯ Eight hundred and two hundredths

Fifth: Answer the following:

1. A farmer can raise **25,327** liters of water on one day using the shadouf and **47,128** liters on another day. How many liters can the farmer raise in two days?

....

2. Walaa is traveling from Cairo to Matrouh. If the distance between Cairo and Matrouh is **446.3** kilometers, and Walaa traveled **267.53** kilometers, then what is the distance that Walaa has to travel to reach Matrouh?

....

3. Omar has **67.40** pounds, and his sister Fairouz has **70.45** pounds. They want to buy a game for **342.5** pounds. How much do they need to buy this game?

....

Assessment on Unit 2



First: Choose the correct answer:

1. $7.5 + 5.25 = m - 2.35$ is ....
   - a) a variable
   - b) a mathematical expression
   - c) an equation
   - d) other

2. In the equation $6.45 + x = 9.15$, if 9.15 represents the sum of two numbers and 6.45 represents one of the two numbers, then x represents ....
   - a) the other number
   - b) the sum of the two numbers
   - c) the difference between the two numbers
   - d) other

3. If $12.4 + x = 26.3 - 10.04$, then $x =$ ....
   - a) $12.4 + 26.3 + 10.04$
   - b) $(26.3 - 10.04) - 12.4$
   - c) $13.26 + 12.4$
   - d) $(26.3 - 10.04) + 12.4$

4. The equation that expresses the corresponding **bar model** is ....
   - a) $y = 2.63 + 1.2$
   - b) $y = 2.63 - 1.2$
   - c) $y - 1.2 = 2.63$
   - d) $y + 2.63 = 3.83$

2.63	
y	1.2

5. "Ahmed has 5 pens and 3 books" is ....
   - a) a variable
   - b) a mathematical expression
   - c) an equation
   - d) other

6. If the factors of a number are **1, 2, 4, 8,** then its prime factors are ....
   - a) 2 X 2 X 2
   - b) 2 X 4
   - c) 1 X 8
   - d) 1 X 2 X 4

7. The **LCM** of any **two** prime numbers is ....
   - a) the largest number
   - b) the smallest number
   - c) 0
   - d) their product

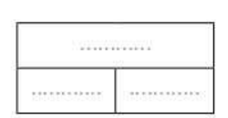
8. **18** is a multiple of ....
   - a) 8
   - b) 36
   - c) 9
   - d) 12

9. The LCM for **6** and **4** is ....
   - a) 12
   - b) 24
   - c) 36
   - d) 48

10. **30** is a common multiple of the **two** numbers ....
    - a) 10, 8
    - b) 6, 12
    - c) 30, 9
    - d) 10, 15

Second: Complete the following:

1. If $8.235 + \mathbf{p} = 10.224$, then $\mathbf{p}$ = ...
2. All prime numbers are .... numbers, except .... which is an even number.
3. If $\mathbf{x} = 3.51$, then $\mathbf{x} - 1.28$ = ...
4. If $\mathbf{t} \times 8 = 56$, then $\mathbf{t}$ = ...
5. The equation that represents [4.02 plus "**a**" equals 12] is ....
6. The factors of **25** are ....
7. The prime factors of **25** are ....
8. A number whose prime factors are **2, 3, 5** is ....
9. .... is a common multiple to all numbers.
10. Use the equation "$\mathbf{s} - 0.12 = 7.25$" to complete the corresponding bar model.



Third: Complete the factor tree, then find the GCF and LCM for 12 and 18.

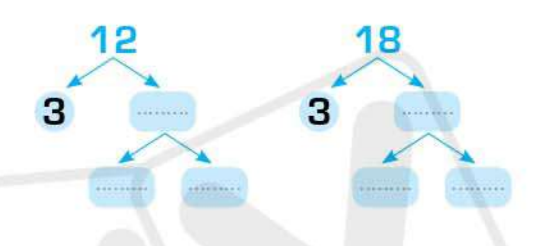
12 and 18

12 = ...

18 = ...

GCF = ... = ...

LCM = ... = ...



Fourth: Answer the following:

Mary has **25** blue roses and **15** red roses that she wants to distribute in bouquets, so that each bouquet contains the same number of roses of each color.

What is the largest number of bouquets that Mary needs for each type of roses?

....

....

....

Accumulative Assessments on Units 1&2

Assessment 1

First: Complete the following:

1. The place value of the digit 5 in 6,230.257 is ....
2. The number 15.892 rounded to the nearest **Hundredth** is ....
3. The prime factors of **18** are ....
4. .... is a common multiple of all numbers.

Second: Choose the correct answer:

1. The value of .... increases when multiplying by 10 to 4.25
   (a) 425 (b) 42.5 (c) 4.25 (d) 0.425
2. 4.06 = ...
   (a) 4 + 6 (b) 40 + 0.6 (c) 4 + 0.06 (d) 10 + 0.06
3. The smallest prime number is ....
   (a) 0 (b) 1 (c) 2 (d) 3
4. The GCF for 8 and 12 is ....
   (a) 8 (b) 12 (c) 24 (d) 4

Third: Compare using (<, = or >):

1. 45.6 X 10 ◯ 4.56 ÷ 10
2. 7.25 – 3.8 ◯ 3.8 + 0.35
3. 78,258.023 ◯ 78,258.203
4. 20 + 7 + 0.08 ◯ 27 + 0.8

Fourth: Answer the following:

1. Fares traveled from Cairo to Alexandria via the agricultural road and stopped for a rest in the cities of Tanta and Damanhur. The distance between Cairo and Alexandria is **225** km. The distance between Cairo and Tanta is **100.3**, and the distance between Tanta and Damanhur is **64.7** km. Calculate the distance between Alexandria and Damanhur. ....

....

2. Find The **GCF** and **LCM** for **24** and **16**. Use prime factorization.

   16 = ...

   24 = ...

   GCF = ... = ...

   LCM = ... = ...

Assessment 2

First: Complete the following:

1. All prime numbers are odd numbers, except .... which is an .... number.
2. The prime numbers between 20 and 30 are .... and ....
3. 300 + 50 + 0.2 + 0.008 = ...
4. Five milliard, thirty thousand and ninety-nine thousandths (**In standard form**): ....

Second: Choose the correct answer:

1. The equation that represents [3.5 plus "m" equals 8.7] is ....

   (a) m − 3.5 = 8.7 (b) m − 8.7 = 3.5 (c) 3.5 + m = 8.7 (d) 3.5 − m = 8.7

2. The value of 78.25 is decreased when dividing by 10 to ....

   (a) 7,825 (b) 782.5 (c) 7.825 (d) 0.7825

3. 502 + 0.2 + 0.005 ⬭ 50 + 2 + 0.25

   (a) $>$ (b) $=$ (c) $<$ (d) $\leq$

Third: Put (✓) for the correct statement and (✗) for the wrong statement:

1. 8 is a common multiple of 16 and 24. (   )
2. "4.5 + 2.3 + y = 15" is called an equation. (   )
3. 300 + 50 + 0.2 + 0.003 = 350.203 (   )

Fourth Answer the following:

A class has 16 girls and 12 boys. The teacher wants to divide them into equal groups with the same number of boys and girls. What is the largest number of groups that can be formed? How many boys are in each group? And how many girls are in each group?

....

Assessment on Unit 3



First: Choose the correct answer:

1 3 X 1,000 ( ) 50 X 60

ⓐ $>$ ⓑ $=$ ⓒ $<$ ⓓ $\leqslant$

2 5,062 X 7 ( ) 5,602 X 7

ⓐ $>$ ⓑ $=$ ⓒ $<$ ⓓ $\leqslant$

3 The model that represents 2,075 X 26 is ....

ⓐ

	2,000	70	5
20			
6			

ⓑ

	2,000	700	5
20			
6			

ⓒ

	2,000	700	50
20			
6			

ⓓ

	2,000	70	5
2			
60			

4 The model that represents 3,502 X 31 is ....

ⓐ

9,000	1,500	6
3,000	500	2

ⓑ

30,000	5,000	20
9,000	1,500	6

ⓒ

90,000	15,000	60
3,000	500	2

ⓓ

9,000	1,500	60
300	50	2

5 (2 X 50) + (2 X 7) + (60 X 50) + (60 X 7) = ...

ⓐ 26 X 57 ⓑ 62 X 57 ⓒ 62 X 75 ⓓ 26 X 75

6 45 X 123 = ...

ⓐ (5 X 100) + (5 X 20) + (5 X 3) + (40 X 100) + (40 X 20) + (40 X 3)

ⓑ (5 X 100) + (5 X 20) + (5 X 3) + (4 X 100) + (4 X 20) + (4 X 3)

ⓒ (50 X 100) + (50 X 20) + (50 X 3) + (40 X 100) + (40 X 20) + (40 X 3)

ⓓ (50 X 100) + (50 X 20) + (50 X 3) + (4 X 100) + (4 X 20) + (4 X 3)

7 The model that represents (90 X 30) + (90 X 4) + (3 X 30) + (3 X 4) is ....

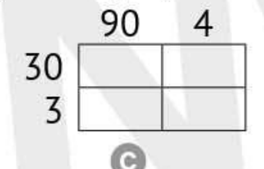
ⓐ

	4	3
30		
90		

ⓑ

	90	3
30		
4		

ⓒ



	90	4
30		
3		

ⓓ

	90	30
4		
3		

8 The problem that represents the opposite area model is ....

	4,000	90	5
40			
6			

ⓐ 4,275 X 46 ⓑ 495 X 46

ⓒ 4,095 X 46 ⓓ 4,905 X 46

9 .... X 7 = 7,000

ⓐ 10 ⓑ 100 ⓒ 1,000 ⓓ 10,000

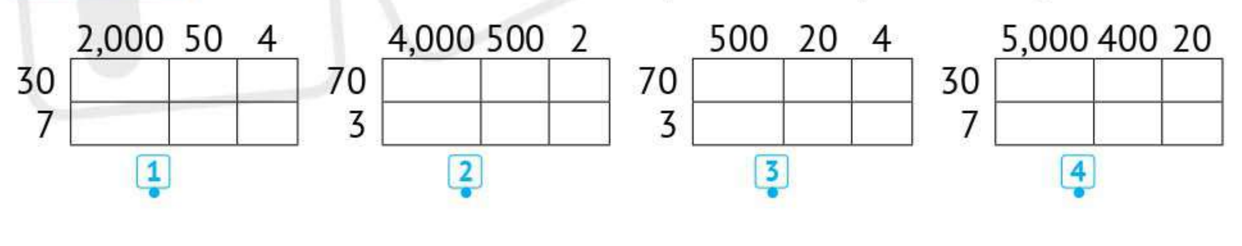
10 12 X .... = 12 X (200 + 30 + 30)

ⓐ 12 X 260 ⓑ 12 X 2,330 ⓒ 12 X 800 ⓓ 12 X 2,033

Second: Complete the following:

1. 9 X 100,000 = ...
2. 5 X .... = 50,000
3. 10,000 X .... = 70,000
4. 42 X .... = 60 X 70
5. 7 X 123 = (7 X 100) + (7 X ....) + (7 X ....)
6. 8 X .... = (8 X 3,000) + (8 X 500) + (8 X 4)
7. (5 X 30) + (5 X 8) + (60 X 30) + (60 X 8) = ... X ....
8. 45 X 22 = ...
9. 5,020 X 12 ....
10. 232 X 13 = ...

Third: Match each model to the problem representing it:



a) 4,502 X 73
b) 5,420 X 37
c) 2,054 X 37
d) 524 X 73

Fourth: Solve each problem using the mentioned strategy:

1. 7,086 X 54 (Distributive Property)
   ....
   ....
2. 6,021 X 24 (Partial Products)
   ....
   ....
3. 6,008 X 67 (Area Model)
   ....
   ....



Fifth: Answer the following:

Mona is making tahini to use in dishes at her restaurant. Her recipe uses **140** grams of sesame seeds to make **120** milliliters of tahini. She makes the recipe **20** times each week. How many grams of sesame seeds does she use each week?

....

How many milliliters of tahini does she make in each week?

....

How many liters of tahini does she make in **35** weeks?

....

Accumulative Assessments on Units 1- 3

Assessment 1

First: Complete the following:

1. 4 Tenths – 25 Thousandths = ……………………
2. If 2.5 + 12 = **b** + 7.5, then **b** = ……………………
3. 45 X 12 = (40 X ……) + (40 X ……) + (…… X 10) + (…… X 2)

Second: Choose the correct answer:

1. The multiplication problem that represents the opposite model is …………………… .

	8	8
20		
1		

   ⓐ 21 X 88 ⓑ 30 X 88 ⓒ 21 X 16 ⓓ 30 X 16

2. …………………… ≈ 12.08 (To the nearest two decimal places)

   ⓐ 12.084 ⓑ 12.086 ⓒ 12.073 ⓓ 12.069

3. 6 is a factor of …………………… .

   ⓐ 2 ⓑ 3 ⓒ 12 ⓓ 8

Third: Find the result using the mentioned strategy:

1. 706 x 24 (Standard Algorithm)

   ……………………
   ……………………
   ……………………

2. 621 x 16 (Partial Products)

   ……………………
   ……………………
   ……………………

3. 6,008 x 32 (Area Model)

   ……………………
   ……………………
   ……………………

Fourth: Put (✓) for the correct statement and (✗) for the wrong statement:

1. The **LCM** for 12 and 18 is 6. ( )
2. 8,000.08 in **word form** is eight thousand and eight hundredths. ( )
3. 54,020 X 5 > 50,402 X 5 ( )

Fifth: Answer the following:

A school has **25** classes, each class has **19** girls and **17** boys.

How many students are there in the school?

……………………………………………………

Assessment 2

First: Choose the correct answer:

1. The least common multiple of any two prime numbers is ....
   - (a) the largest number
   - (b) the smaller number
   - (c) the product of the two numbers
   - (d) the sum of the two numbers

2. The model that represents 24 X 403 is ....

(a)

	400	3
2		
4		

(b)

	400	3
20		
4		

(c)

	400	3
2		
40		

(d)

	40	3
20		
4		

3. The value of the digit 6 in 30.067 is ....
   - (a) 60
   - (b) 6
   - (c) 0.6
   - (d) 0.06

Second: Complete the following:

1. 23 X 102 = ...
2. The estimate of the sum of (56.3 + 4.9) using rounding to the nearest whole number strategy is ....
3. If b = 3.25, then 8.02 - b = ...

Third: Compare using (<, = or >):

1. 56.02 X 3.2 ( ) 179 + 0.264
2. 45.89 ÷ 10 ( ) 40 + 5 + 0.8 + 0.09
3. The common factor of all numbers ( ) The common multiple of all numbers

Fourth: Match:

1. 18.1 – 4.9	(a) 22 X 6
2. 13.2 ÷ 10	(b) 7.8 +5.4
3. 11 X 12	(c) 0.132 X 10

Fifth: Answer the following:

1. Wael bought **23** pens. The price of one pen is **235** piasters.
   How much did Wael pay?
   ....
2. Find the **GCF** and **LCM** for "**3 X 6**" and "**4 X 3**". Use prime factorization.
   ....
   ....

Assessment on Unit 4



First: Choose the correct answer:

1 In 428 ÷ 2 = 214, the dividend is ....

ⓐ 214 ⓑ 2 ⓒ 428 ⓓ 824

2 Which of the following can be used to check the result of the opposite model?

ⓐ 3,113 X 25 ⓑ 323 X 25

ⓒ 3,023 X 25 ⓓ 332 X 25

	300	10	10	3
25	8,075 − 7,500 575	575 − 250 325	325 − 250 75	75 − 75 0

3 Wafaa wanted to distribute **250** candy bars equally among **12** of her colleagues, so ....

ⓐ each person took 20 pieces, and 10 pieces remained

ⓑ each person took 10 pieces, and 20 pieces remained

ⓒ each person took 21 pieces, and 2 pieces remained

ⓓ each person took 21 pieces, and there is nothing left

4 30,000 ÷ 50 = ...

ⓐ 6 ⓑ 60 ⓒ 600 ⓓ 6,000

5 .... ÷ 600 = 40

ⓐ 24,000 ⓑ 2,400

ⓒ 240 ⓓ 24

6 40,000 ÷ .... = 800

ⓐ 5 ⓑ 50

ⓒ 500 ⓓ 5,000

7 The quotient in the following division model is ....

ⓐ 19,044

ⓑ 92

ⓒ 117

ⓓ 207

```
       207
92 | 19,044
   - 184
      644
   -  644
      000
```

8 The divisor in the following division model is ....

ⓐ 6,700

ⓑ 65

ⓒ 103

ⓓ 5

```
      0103
65 | 6,700
   - 6,5
      200
   -  195
        5
```

9 The remainder in the following division model is ....

ⓐ 6,090
ⓑ 42
ⓒ 145
ⓓ 0

	100	40	5
	6,090	1,890	210
42	− 4,200	− 1,680	− 210
	1,890	210	0

10 The dividend in the following division model is.............. .

ⓐ 8,935
ⓑ 24
ⓒ 372
ⓓ 7

```
        372
 24 | 8,935
    −  72
      1,735
    − 1,68
         55
    −    48
          7
```

Second: Complete the following:

1 80 X 300 = ...

2 40,000 ÷ 500 = ...

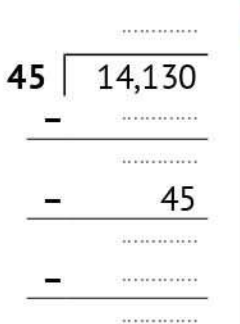
3 45,060 ÷ 15 = ...

4 60,144 ÷ 12 = ...

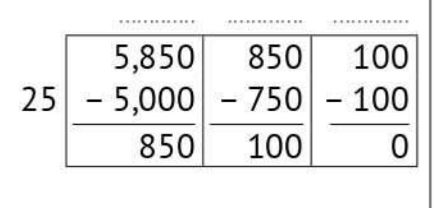
5 72,368 ÷ 9 = 8,040 and the remainder is ....

Third: Complete the following models:

1



2



3

```
        202
 43 | 8,686
    − ..........
         86
    − ..........
          0
```

Fourth: Compare using (<, = or >):

1 45,045 ÷ 5 ( ) 36,036 ÷ 4

2 45,000 ÷ 50 ( ) 36,000 ÷ 400

3 1,375 ÷ 11 ( ) 1,250 ÷ 10

4 36,048 ÷ 12 ( ) 3,648 ÷ 12

5 65,125 ÷ 25 ( ) 65,150 ÷ 25

Fifth: Answer the following:

1 Adel wants to distribute **4,530** pounds among **15** persons equally. What is the share of each person?

....

2 A school has **570** boys and **600** girls, and they are divided into **26** classes equally. How many students are there in each class?

....

Accumulative Assessments on Units 1- 4

Assessment 1

First: Complete the following:

1. 45.036 = 45 + ... + ...
2. The factors of **15** are ....
3. If 12 X 213 = 2,556, then the remainder of 2,560 ÷ 12 is ....
4. 38 X .... = (30 X 70) + (30 X 2) + (........ X 70) + (........ X 2)

Second: Choose the correct answer:

1. The numbers 2, 7, 11, 13 are .... numbers.
   - ⓐ odd ⓑ even ⓒ prime ⓓ composite
2. The value of 9 in the **Hundredths** place is ....
   - ⓐ 900 ⓑ 0.9 ⓒ 0.09 ⓓ 0.009
3. 3,600 ÷ 20 ( ) 60 X 30
   - ⓐ < ⓑ = ⓒ > ⓓ ⩽
4. The divisor in the corresponding division problem is ....
   - ⓐ 4 ⓑ 2,500
   - ⓒ 208 ⓓ 12

	200	8
12	2,500	100
	− 2,400	− 96
	100	4

Third: Find the result using the mentioned strategy:

1. 3,844 ÷ 31 (Partial Quotients Model)

   ....
   ....
   ....

2. 1,545 ÷ 45 (Area Model)

   ....
   ....
   ....

Fourth: Answer the following:

1. Hana bought **24** kg of flour for **288** pounds. What is the price of one kilogram?

   ....

2. Emad is **1.45** meters tall and Hajar is **1.39** meters tall. What is the difference between their heights?

   ....

3. Find the **GCF** and **LCM** for **6** and **9.** Use prime factorization.

   ....
   ....

Assessment 2

First: Find the result using your preferred strategy:

1 4,836 ÷ 6 = ...

2 4,254 X 31 = ...

3 45.027 – 29.38= ....

4 615.3 + 2.847 = ...

Second: Choose the correct answer:

1 If the value of the digit 7 is 0.7, then its place value is the ....

a Ones b Tens c Tenths d Hundredths

2 When 45.82 is multiplied by 10, the value of the digit 8 changes to ....

a 80 b 8 c 0.8 d 0.08

3 .... is the common multiple of all numbers.

a 0 b 1 c 2 d 3

4 The problem that represents the corresponding model is ....

a 16,884 ÷ 42

b 16,884 ÷ 420

c 42 ÷ 420

d 420 ÷ 42

```
      402
 42 | 16,884
    -  8,400
       084
    -   84
        00
```

Third: Compare using (<, = or >):

1 95.201 ◯ 95.021

2 13 X 125 ◯ 13 X 521

3 28.8 X 10 ◯ 12 X 24

4 3 Hundredths ◯ 300 Thousandths

Fourth: Answer the following:

1 Hatem goes to the club for soccer training every 8 days, while his sister Walaa goes to the club for volleyball training every 6 days.
How many days will it be until they go to the club together?

....

....

2 Arrange the following numbers in an ascending order

12.05 , 1.205 , 120.5 , 1,205 , 10.25

.................., ..., ..., ..., ...

Assessment on Unit 5



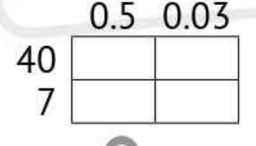
First: **Choose the correct answer:**

1. .... kg = 36 g
   - ⓐ 0.036 ⓑ 36,000 ⓒ 0.36 ⓓ 3.600

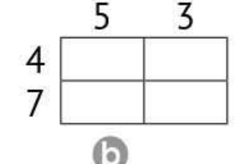
2. 0.01 X .... = 0.045
   - ⓐ 0.45 ⓑ 4.5 ⓒ 45 ⓓ 450

3. The multiplication problem that expresses the corresponding model is ....
   - ⓐ 3 X 0.2 ⓑ 0.3 X 2
   - ⓒ 0.3 X 0.2 ⓓ 3 X 2

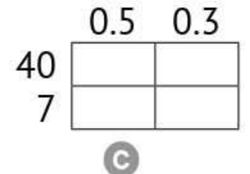
4. The area model that represents 47 X 0.53 is ....



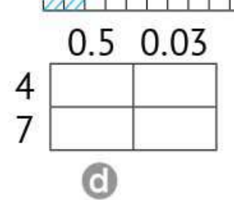
ⓐ



ⓑ



ⓒ



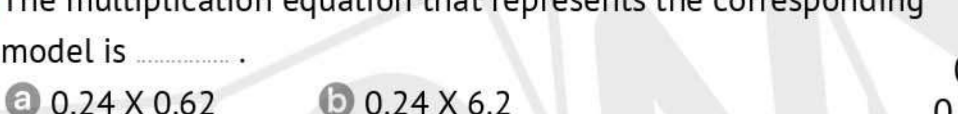
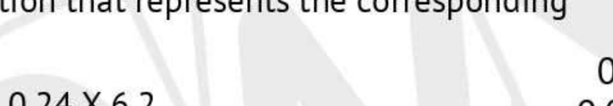
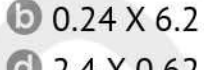
ⓓ

5. 5 Tenths X 3 Hundredths = ...
   - ⓐ 15 ⓑ 1.5 ⓒ 0.15 ⓓ 0.015

6. 25.3 ÷ .... = 0.253
   - ⓐ 0.01 ⓑ 0.1 ⓒ 10 ⓓ 100

7. .... ÷ 0.1 = 36.24
   - ⓐ 362.4 ⓑ 3,624 ⓒ 3.624 ⓓ 36,240

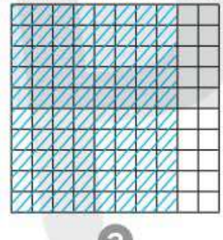
8. The multiplication equation that represents the corresponding model is ....

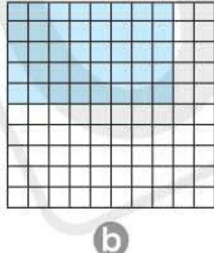
	6	0.2
0.2		
0.04		

   - ⓐ 0.24 X 0.62 ⓑ 0.24 X 6.2
   - ⓒ 2.4 X 6.2 ⓓ 2.4 X 0.62

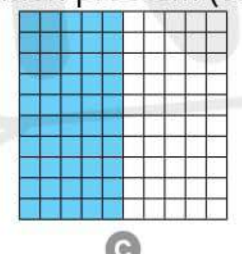
9. The model that represents the multiplication problem (0.5 X 0.8) is ....



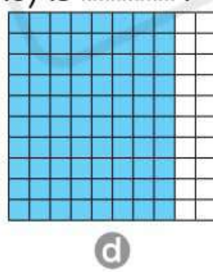
ⓐ



ⓑ



ⓒ



ⓓ

10. 4.5 ÷ 0.1 = ...
    - ⓐ 4.5 X 0.1 ⓑ 45 X 0.1 ⓒ 45 X 10 ⓓ 4.5 X 10

Second: Complete the following:

1. If 8 X 15 = 120, then 8 X 1.5 = ...
2. 11.5 X 28.2 ⟶ Estimate: .... X .... = ... **(To the nearest whole number)**
3. 0.29 kg = ... X .... = ... g.
4. The length of a rectangle is **1.2** cm and its width is **0.8** cm, then its area is .... cm^2.
5. .... X 100 = 932
6. 29.08 ÷ .... = 290.8
7. 20.000 ÷ 0.001 = ...
8. 18 X 0.01 = 18 ÷ ....
9. 4 Tenths X 5 Hundredths = ...
10. 4 Tenths ÷ 5 Hundredths = ...

Third: Compare using (<, = or >):

1. 4.5 km ◯ 4,500 m
2. 35.5 ÷ 0.1 ◯ 35.5 X 0.1
3. 2.5 X 3.5 ◯ 25 X 0.35
4. 0.06 X 0.4 ◯ 0.6 ÷ 0.4

Fourth: Use the standard algorithm to find:

1. 4.25 X 3.7 = ...
2. 5.6 X 70.82 = ...
3. 98 X 3.008 = ...
4. 45.5 ÷ 0.5 = ...
5. 0.6 ÷ 0.12 = ...
6. 14.224 ÷ 5.6 = ...

Fifth: Answer the following:

1. Huda bought 3 notebooks, each of 4.75 pounds, and 4 pens, each of 1.25 pounds. Calculate what Huda paid?

....

....

....

2. Hiam bought 17 juice boxes, the price of each one is 2.25 pounds. How many pounds do you pay the seller?

....

....

....

And if she gives the seller 50 pounds. How does the seller return it?

....

....

....

3. The capacity of an oil barrel is 243.75 liters, it was filled in bottles of 0.75 liters each. Find the number of bottles?

....

....

....

4. A rectangle has an area of 10.25 square meters and a length of 4.1 meters. Calculate the width and perimeter of the rectangle.

....

....

....

PONY

Accumulative Assessments on Units 1- 5

Assessment 1

First: Choose the correct answer:

1. 0.01 kilogram= .... gram(s)
   (a) 1 (b) 10 (c) 100 (d) 1,000
2. 4.5 X 12 = ...
   (a) 540 (b) 0.54 (c) 5.4 (d) 54
3. The **smallest** odd prime number is ....
   (a) 0 (b) 1 (c) 2 (d) 3

Second: Complete the following:

1. 73.2 X 0.1 = ...
2. 65.4 ÷ 100 = ...
3. The factors of **28** are ....

Third: Find the result using your preferred strategy:

1. 1.44 ÷ 0.6 = ...
2. 2.45 X 2.1 = ...
3. 45.69 + 24.38 = ...
4. 100.25 – 74.9 = ...

Fourth: Compare using (<, = or >):

1. Fifty and seventy-five hundredths ◯ 75.50
2. 4 + 0.2 + 0.05 + 0.004 ◯ 40 + 2 + 0.5 + 0.04
3. The smallest even prime number ◯ The smallest odd prime number

Fifth Answer the following:

Hussam caught a fish weighing **1.035** kg and Essam caught a fish weighing **825** grams. What is the difference between the weights of the two fish in kilograms?

....

....

....

Assessment 2

First: Choose the correct answer:

1. Samah bought **three** books. The price of one book is **3.25** pounds, so the amount that Samah paid = ... pounds.

   (a) 9 (b) 10 (c) 9.75 (d) 9.5

2. The prime number the sum of whose factors sum is 6 is ....

   (a) 6 (b) 5 (c) 12 (d) 7

3. If **a** - 4.5 = 6, then the variable "a" expresses ....

   (a) the sum of the two numbers
   (b) the difference between the two numbers
   (c) half of the two numbers
   (d) twice the two numbers

4. 4.6 X .... = 4,600

   (a) 100 (b) 1,000 (c) 10 (d) 1

Second: Complete the following:

1. 700 + 8 + 0.3 + 0.009 = ...
2. The first 5 multiples of 6, except zero are ...., ..., ..., ..., ...
3. 1.02 X 0.9 = ...

Third: Find the result using the strategy you prefer:

1. 5.635 ÷ 2.3 = ...
2. 50.23 X 15 = ...
3. 8.15 X 0.1 = ...
4. 7 ÷ 0.35 = ...

Fourth: Compare using ($<$, $=$ or $>$):

1. 13 X 1.2 ◯ 156 X 0.1
2. 45.28 meters ◯ 4 kilometers
3. 70 Hundredths ◯ 70 Thousandths
4. 185 X 0.15 ◯ 1.85 X 1.5

Assessment on Unit 6



First: **Choose the correct answer:**

1. $4.5 + 2.5 \times 2 =$ ....

   ⓐ 9.5 ⓑ 14 ⓒ 9 ⓓ 14

2. $6 + 2.5 \times 0 - 2.7 =$ ....

   ⓐ $6 + 2.7$ ⓑ 8.5×2.7 ⓒ $6 + 2.5 - 2.7$ ⓓ $6 - 2.7$

3. The mathematical expression that represents "Multiply 1.5 by 1.2, then subtract 0.5" is ....

   ⓐ $1.5 + 1.2 \times 0.5$ ⓑ $0.5 - 1.5 \times 1.2$ ⓒ $1.5 \times 1.2 - 0.5$ ⓓ $0.5 \times 1.2 - 0.5$

4. The mathematical expression "$1.2 + 2.5 \div 0.5$" expresses ....

   ⓐ add 1.2 and 2.5, then divide by 0.5 ⓑ divide 2.5 by 0.5, then add 1.2

   ⓒ add 0.5 and 1.2, then divide by 2.5 ⓓ divide 0.5 by 2.5, then add 1.2

5. $1.3 + 0.3 - 0.2 \times 2.5 =$ ....

   ⓐ $1.3 + 0.1 \times 2.5$ ⓑ $2.6 - 0.1 \times 2.5$ ⓒ $1.3 + 0.3 - 0.5$ ⓓ $1.3 + 0.3 - 0.05$

6. The pattern rule of (11 , 22 , 33 , 44 , 55 , 66 ....) is ....

   ⓐ $n + 11$ ⓑ $n - 11$ ⓒ $n \times 11$ ⓓ $n \div 11$

7. The next number in the pattern (1 , 3 , 5 , 7 , 9, 11 , ...) is ....

   ⓐ 20 ⓑ 15 ⓒ 13 ⓓ 22

8. $n \times 0.2$ is the rule of ....

   ⓐ 2 , 2.2 , 2.4 , 2.6 , 2.8 , ... ⓑ 2 , 0.4 , 0.08 , 0.016 , ...

   ⓒ 20 , 10 , 5 , 2.5 , 1.25 , ... ⓓ 8 , 7.8 , 7.6 , 7.4 , 7.2 , 7 , ...

9. $[2 \times (4 + 0.5) - 4.5] \div 4.5 =$ ....

   ⓐ 0 ⓑ 1 ⓒ 9 ⓓ 10

10. The rule of the following pattern is ....

Input	Output
2	7
4	13
6	19
8	25

   ⓐ $n \times 3 - 1$ ⓑ $n \times 2 + 3$

   ⓒ $n \times 3 + 1$ ⓓ $n + 1 \times 3$

Second: Complete the following:

1. $45 \times 2 + 3 \times 3 =$ ....
2. $4.5 + [\, 2 \times (5 - 4) - 1 \,] =$ ....
3. 2, 2, 4, 6, 10, 16, ..., ...
4. 3, 6, 9, 12, 15, ..., ...
5. $12.5 + 2.5 \times 1.4 - 6 =$ ....

Third: For each problem, write an expression that matches the clues. Then, evaluate the expression:

1. Subtract 2.1 from 3.62, then multiply by 3.

....

....

....

2. Divide 85 by 0.5, then add 136.7.

....

....

....

Fourth: Using the given information, list the first five numbers in the pattern:

1. Starting number: 2 **Rule:** $n + 2.5$

.................., ..., ..., ..., ...

2. Starting number: 5 **Rule:** $n \times 2 - 2.5$

.................., ..., ..., ..., ...

3. Starting number: 40 **Rule:** $n \div 0.2$

.................., ..., ..., ..., ...

Fifth: Answer the following:

Monir travels **38.7** kilometers by bicycle in **two** hours. If he cycles at the same rate all the time, how many meters does he travel per minute?

....

Accumulative Assessments on Units 1- 6

Assessment 1

First: Complete the following:

1. .... + 0.62 = 1
2. .... X 1,000 = 7,000
3. 4.2 X 10 – 8.2 = ...
4. If χ + 15.2 = 14.5 + 15.5, then χ = ...

Second: Choose the correct answer:

1. 6 + c = 2.1 is called ....
   - ⓐ equation ⓑ expression ⓒ multiplication ⓓ division
2. The multiplication problem that expresses the corresponding model is ....

	800	7
4		

   - ⓐ 4 X 870 ⓑ 4 X 807 ⓒ 4 X 780 ⓓ 4 X 708
3. 1,001 X 25 = ...
   - ⓐ 2,525 ⓑ 25,025 ⓒ 250,025 ⓓ 5,225
4. 2.51 X .... = 0.0251
   - ⓐ 0.1 ⓑ 0.01 ⓒ 0.001 ⓓ 100

Third: Match:

1. The difference between 5.5 and 3.7	ⓐ 3.7 + 5.5 = y
2. The sum of 5.5 and 3.7	ⓑ 3.7 + a = 5.5
3. 3.7 plus a number equals 5.5	ⓒ m – 3.5 = 3.7
4. 5.5 minus a number equals 3.7	ⓓ 5.5 – 3.7 = x
5. a number minus 3.5 equals 3.7	ⓔ 5.5 – n = 3.7

Fourth: Answer the following:

1 Write the rule by finding the missing values in the tables:

Rule: ....

Input	Output
39	....
33	....
27	9
21	7
....	5

2 Find 18.2 X 2.8: ....

....

3 While dividing a number by **3**. Ahmed got a quotient of **7** and a remainder of **2**.

What is the number? ....

....

Assessment 2

First: Complete the following:

1 4.8 ÷ 6 X 0.5= ....

2 If n = 2 X 2 X 7 then, n =.......................... .

3 If a X 9 = 36, then a = ...

4

	....	5
....	....	350
5	200	25

Second: Choose the correct answer:

1 k - 3.21 = 5 , then k = ...

ⓐ 5 – 3.21 ⓑ 5 + 3.21 ⓒ 2 ⓓ 1.23

2 The greatest common factor of 21 and 7 is ....

ⓐ 7 ⓑ 21 ⓒ 28 ⓓ 14

3 18 ÷ 3 = 6 R ....

ⓐ 0 ⓑ 5 ⓒ 2 ⓓ 15

4 1.5 + n is the rule of ....

ⓐ 2.5 , 3.5 , 4.5 , 5.5 , 6.5 , ...
ⓑ 2 , 3.5 , 5 , 6.5 , 8 , ...
ⓒ 4 , 4.5 , 5 , 5.5 , 6 , 6.5 , ...
ⓓ 2 , 4.5 , 7 , 9.5 , 12 , 14.5 , ...

Third: Match:

1 4.8 ÷ 0.2 X 0.4 + 1.2
2 4.8 ÷ 0.2 X (0.4 + 1.2)
3 4.8 ÷ (0.2 X 0.4) + 1.2
4 4.8 ÷ [(0.2 X 0.4) + 1.2]

ⓐ 61.2
ⓑ 3.75
ⓒ 10.8
ⓓ 38.4

Fourth: Answer the following:

1 Write the rule by finding the missing values in the tables:

Rule: ....

Input	Output
5	....
7	10
9	12
11	14
....	16

2 5, 262 ÷ 50 **(Using the standard algorithm)**

....

....

3 Ali bought **24** boxes of soft drinks for **115** LE each. How much money did Ali pay?

....

....

....

2 Final Revision

First: **Choose the correct answer:**

1 Seven milliard, fifty thousand and seven hundredths = ...

ⓐ 7,050.07 ⓑ 7,000,050.07

ⓒ 7,000,050,000.07 ⓓ 7,000,050,000,.07

2 56,000,500.035 (In word form): ....

ⓐ Fifty-six thousand, five hundred and thirty-five thousandths

ⓑ Fifty-six million, five hundred and thirty-five thousandths

ⓒ Fifty-six million, five hundred thousand and thirty-five thousandths

ⓓ Fifty-six million, five hundred thousand and thirty-five hundredths

3 The place value of 5 in 528,239.247 is ....

ⓐ Hundred Millions ⓑ Hundred Thousands

ⓒ Hundreds ⓓ Hundredths

4 $4\ \frac{45}{100}$ = ...

ⓐ 4.45 ⓑ 445 ⓒ 4.045 ⓓ 45.4

5 2.053 = ...

ⓐ $2\ \frac{53}{100}$ ⓑ $\frac{253}{100}$ ⓒ $20\ \frac{53}{100}$ ⓓ $\frac{2,053}{1,000}$

6 The number of Tenths in 0.386 is ....

ⓐ 3 ⓑ 30 ⓒ 38 ⓓ 3.86

7 4 Million = ... Ten Thousands

ⓐ 400 ⓑ 4,000 ⓒ 40,000 ⓓ 400,000

8 6 Hundredths = ...

ⓐ 6 ⓑ 0.06 ⓒ 060 ⓓ 0.006

9 6 Tenths, 9 Thousandths = ...

ⓐ 0.609 ⓑ 0.069 ⓒ 6.009 ⓓ 0.906

10 Five thousand, two hundred and twenty-three thousandths = ...

ⓐ 5,200.230 ⓑ 5,200. 23 ⓒ 520.023 ⓓ 5,200.023

11 In ...., the place value of 5 is Hundredths

ⓐ 500.46 ⓑ 46.005 ⓒ 40.056 ⓓ 46,500

12 The digit that represents the Thousandths in 4,568.178 is ....

ⓐ 1 ⓑ 7 ⓒ 8 ⓓ 4

13 The value of .... increased when multiplying by 10 to 25.26.

ⓐ 25.26 ⓑ 252.6 ⓒ 2.526 ⓓ 2,526

14 The value of .... decreased when dividing by 10 to 0.026.

ⓐ 0.026 ⓑ 0.26 ⓒ 2.6 ⓓ 26

15 .... X 10 = 258

ⓐ 2,580 ⓑ 258 ⓒ 25.8 ⓓ 2.58

16 45 X 10 = ...

ⓐ 450 ⓑ 0.45 ⓒ 4.5 ⓓ 40.5

17 8.05 ÷ 10 = ...

ⓐ 805 ⓑ 8.5 ⓒ 80.5 ⓓ 0.805

18 When all digits of a number move one place to the left, its value ....

ⓐ decreases ⓑ increases

ⓒ does not change ⓓ other

19 When all digits of a number move one place to the ...., its value decreases.

ⓐ right ⓑ left ⓒ up ⓓ down

20 23 + 0.02 + 0.003 = ...

ⓐ 2,302,00 ⓑ 2,323 ⓒ 23.023 ⓓ 23.23

21 824.12 = ...

ⓐ 824 + 1 + 2 ⓑ 824 + 12

ⓒ 824 + 0.12 ⓓ 800 + 200 + 4 + 10 + 2

22 When 56.73 is multiplied by 10, the value of the digit 7 ....

a decreases from 7 to 0.7
b increases from 0.7 to 7
c increases from 70 to 700
d decreases from 0.7 to 0.07

23 What would the number 3.263 become if it multiplied by 10?

a 3.263 b 0.3263 c 326.3 d 32.63

24 The value of .... decreases when dividing by 10 to 75.28.

a 752.8 b 7.528 c 750.28 d 75.028

25 400 + 50 + 0.2 + 0.004 = ...

a 450.24 b 450.024 c 450.204 d 45.204

26 85 ÷ 10 = ...

a 8.5 b 0.85 c 0.085 d 850

27 34 X .... = 3,400

a 100 b 1,000 c 10 d 1

28 56.73 < ....

a 56.69 b 56.8 c 56.075 d 56.729

29 0.32 X 10 ☐ 3.2 ÷ 10

a < b = c > d ≤

30 56 < .... < 57

a 562 b 57.3 c 5.6 d 56.02

31 .... ≈ 2.5 (To the nearest 0.1)

a 2.445 b 2.456 c 0.536 d 2.05

32 56.298 ≈ 56.30 *(To the nearest ....)*

a 100 b 10 c 0.01 d whole number

33 63.245 ≈ 60 *(To the nearest ....)*

a 0.01 b 0.1 c 10 d whole number

34 381.657 ≈ .... *(to the nearest Hundredth)*

a 381.667 b 400 c 381.66 d 381.60

35 59.16 ______ 59.6

ⓐ < ⓑ > ⓒ = ⓓ otherwise

36 562.8935 ≈ .... *(to the nearest Thousandth)*

ⓐ 562.894 ⓑ 562.8945 ⓒ 562.8935 ⓓ 6.000

37 The smallest number in each of the following is ....

ⓐ 39.02 ⓑ 39.2 ⓒ 39.210 ⓓ 40.0

38 Which choice represents the correct rounding of 7,999.52 to the nearest Ones?

ⓐ 7,000 ⓑ 8,000 ⓒ 7,999 ⓓ 8,1000

39 0.174 ≈ 0.17 to the nearest ....

ⓐ Tenth ⓑ Hundredth ⓒ Hundred ⓓ Thousandth

40 45 + 0.5 ______ 450 + 0.05

ⓐ < ⓑ > ⓒ = ⓓ ≤

41 .... ≈ 75.3 *(To the nearest Tenth)*

ⓐ 75.03 ⓑ 75.39 ⓒ 750.3 ⓓ 75.34

42 78.098 ≈ .... *(To the nearest whole number)*

ⓐ 78.1 ⓑ 78 ⓒ 79 ⓓ 7

43 68.567 ≈ 68.57 *(To the nearest ....)*

ⓐ whole number ⓑ Tenth ⓒ Hundredth ⓓ Thousandth

44 The value of .... is decreased when dividing by 10 to 75.2.

ⓐ 7,520 ⓑ 7.52 ⓒ 752 ⓓ 75.200

45 4,000 + 40 + 0.4 + 0.04 = ...

ⓐ 4,040.44 ⓑ 44.44 ⓒ 444.04 ⓓ 4,400.40

46 .... ≈ 75.60 *(To the nearest Hundredth)*

ⓐ 75.694 ⓑ 75.607 ⓒ 75.599 ⓓ 75.697

47 The benchmark decimal closest to 0.45 is ....

a 0 b 0.5 c 1 d 1.5

48 The estimate of the sum of 3.752 + 2.358 using rounding to the nearest 0.01 strategy is ....

a 5 b 6.1 c 6.2 d 6.11

49 4 Tenths + 3 Thousandths = ...Thousandths

a 403 b 7 c 43 d 0.403

50 0.256 + ... = 1

a 0.854 b 1.744 c 0.8 d 0.744

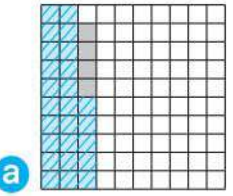
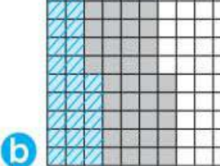
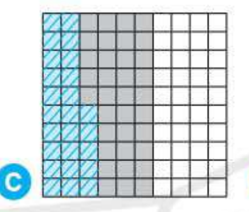
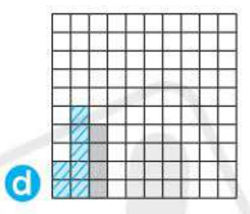
51 5.25 + 32.7 = ...

a 37.92 b 8.52 c 85.2 d 37.95

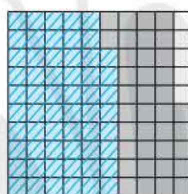
52 0.75 + ... = 1

a 1.25 b 0.25 c 0.35 d 1.75

53 The model representing the addition problem **0.25 + 0.4** is ....

a 
b 
c 
d 

54 The addition problem that represents the opposite model is ....



a 0.58 + 2.5 b 5.8 + 0.25 c 5.8 + 2.5 d 0.58 + 0.37

55 The benchmark decimal closest to 2.01 is ....

a 1 b 1.5 c 2 d 2.5

56 The estimate of 78.089 – 5.247 using rounding to the nearest 0.01 strategy is ....

a 72.84 b 72.842 c 72.9 d 65

57 12.78 – .... = 8.8

a 3.98 b 21.58 c 11.9 d 13.66

58 7.15 – 2.6 = ...

a 4.55 b 9.75 c 6.09 d 7.41

59 1 – .... = 0.47

a 1.47 b 1.53 c 0.53 d 0.47

60 8 – 0.45 = ...

a 8.45 b 8.55 c 7.45 d 7.55

61 5.456 – 3.456 = ...

a 8.912 b 200 c 20 d 2

62 The sum of 462 and 11.2 has .... decimal place(s).

a 1 b 2 c 3 d 0

63 The composite number in the following numbers is

a 7 b 13 c 15 d 5

64 200,000 cm = ...

a 2 km b 20 m c 200 dm d 200 mm

65 18.58 = ... To the nearest whole number.

a 59 b 19 c 18 d 18.6

66 20 + 0.07 + 0.008 = ...

a 20.078 b 20.78 c 20.708 d 20.80

67 59.16 ☐ 59.6

a < b > c = d otherwise

68 What would the number 3.263 become if it were multiplied by 10?

a 3.263 b 0.3263 c 326.3 d 32.63

69 Five thousand, two hundred and twenty-three hundredths = ...

a 5,200. 230 b 5,200. 23 c 520.023 d 5,200.023

70 381.657 ≈ .... *(to the nearest hundredth)*

ⓐ 381.667 ⓑ 400 ⓒ 381.66 ⓓ 381.60

71 The sum of 4.62 and 11.2 has .... decimal place(s).

ⓐ 1 ⓑ 2 ⓒ 3 ⓓ 0

72 45 + y – 2.5 is a/an ....

ⓐ variable ⓑ mathematical expression

ⓒ equation ⓓ other

73 "Ahmed sleeps 7 hours a day." is a/an ....

ⓐ variable ⓑ mathematical expression

ⓒ equation ⓓ other

74 In the equation 45 – m = 25, if 45 represents the number of students in a class and 25 represents the number of girls in this class, then the variable m represents the ....

ⓐ number of girls. ⓑ number of boys

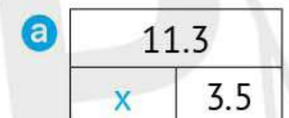
ⓒ number of students ⓓ number of teachers

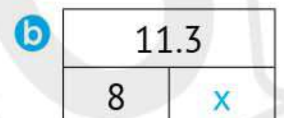
75 In the equation 75 – 56.3 = y, if 75 represents the money that Yassin owns, and 56.3 represents the money he spent, then the variable y represents ....

ⓐ the money with him now ⓑ the money he spent

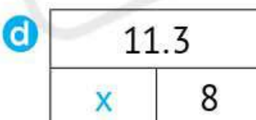
ⓒ the money he got ⓓ the money that was with him first

76 The bar model that expresses the equation x + 3.5 = 11.3 is ....

ⓐ 

ⓑ 

ⓒ 

ⓓ 

77 If 78.45 + y = 90, then y = ...

ⓐ 78.45 ⓑ 90

ⓒ 168.45 ⓓ 11.55

78 The bar model that expresses the equation $x + 5.5 = 7$ is ....

ⓐ

7	
x	1.5

ⓑ

x	
7	5.5

ⓒ 

ⓓ 

79 The equation that represents the sum of 6.35 and 3.14 is ....

ⓐ $m = 6.35 + 3.14$ ⓑ $m - 3.14 = 6.35$

ⓒ $m - 6.35 = 3.14$ ⓓ $m = 6.35 - 3.14$

80 .... is a prime number.

ⓐ 51   ⓑ 52   ⓒ 57   ⓓ 59

81 .... is a factor of 24.

ⓐ 14   ⓑ 18   ⓒ 17   ⓓ 12

82 The numbers 2, 3, 5, 7 are .... numbers.

ⓐ even   ⓑ odd   ⓒ prime   ⓓ composite

83 The smallest prime number formed from two digits is ....

ⓐ 2   ⓑ 10   ⓒ 11   ⓓ 12

84 The greatest common factor of any two prime numbers is ....

ⓐ the largest number   ⓑ the smallest number

ⓒ one   ⓓ zero

85 The **GCF** for the pair (30 , 25) is ....

ⓐ 25   ⓑ 5   ⓒ 10   ⓓ 3

86 .... is a factor of the number 35.

ⓐ 2   ⓑ 3   ⓒ 5   ⓓ 6

87 The least common multiple of two numbers, one of which is a factor of the other is ....

ⓐ the largest number   ⓑ the smaller number

ⓒ the product of the two numbers   ⓓ the sum of the two numbers

88 Which of the following is a common multiple of 9 and 6?

ⓐ 3 ⓑ 12 ⓒ 27 ⓓ 18

89 The only even prime number is ....

ⓐ 2 ⓑ 0 ⓒ 3 ⓓ 10

90 The number .... is the common factor of all numbers.

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

91 The greatest common factor of any two prime numbers is ....

ⓐ the larger number ⓑ the smaller number

ⓒ 1 ⓓ there is no common factor

92 The greatest common factor of 21 and 7 is ....

ⓐ 7 ⓑ 21 ⓒ 28 ⓓ 14

93 5 kg = ... g

ⓐ 50 ⓑ 500 ⓒ 5,000 ⓓ 0.005

94 1,001 × 25 = ...

ⓐ 2,525 ⓑ 25,025 ⓒ 250,025 ⓓ 5,225

95 The multiplication problem that expresses the corresponding area model is ....

5	500	400	15

ⓐ 5 X 915 ⓑ 5 X 183 ⓒ 143 ⓓ 5 X 12

96 The multiplication problem that expresses the corresponding model is ....

	800	7
4		

ⓐ 4 X 870 ⓑ 4 X 807 ⓒ 4 X 780 ⓓ 4 X 708)

97 The area model that represents (50 X 70) + (50 X 3) + (4 X 70) + (4 X 3) is ....

ⓐ

	4	3
50		
70		

ⓑ

	70	3
50		
4		

ⓒ

	4	4
50		
3		

ⓓ

	7	3
5		
4		

98 7 X (500 + 4) = ...

ⓐ 7 X 54 ⓑ 7 X 504 ⓒ 7 X 5,004 ⓓ 7 X 9

99 The problem that represents the opposite area model is ....

	5,000	400	3
60			
7			

ⓐ 5,403 X 67 ⓑ 5,043 X 67

ⓒ 5,430 X 67 ⓓ 543 X 67

100 10 = double of ....

ⓐ 10 ⓑ 20 ⓒ 5 ⓓ 0

101 600 X 400 = ...

ⓐ 240,000 ⓑ 24,000 ⓒ 2,400 ⓓ 240

102 60 is twice ....

ⓐ 30 ⓑ 60 ⓒ 120 ⓓ 10

103 (4 X 85) + (2 X 85) = ... x 85

ⓐ 24 ⓑ 42 ⓒ 8 ⓓ 6

104 30 days = ...weeks, ...days

ⓐ 4 weeks, 28 days ⓑ weeks, 8 days

ⓒ 4 weeks, 2 days ⓓ 28 weeks, 2 days

105 25 X 7,561 = ...

ⓐ 188,025 ⓑ 177,005 ⓒ 175,705 ⓓ 189,025

106 876 X 72 is closer to ....

ⓐ 56,000 ⓑ 5,600 ⓒ 63,000 ⓓ 72,000

107 75 X 25 = [70 X 20] + [70 X 5] + [5 X 20] + [..........................]

ⓐ 5 X 5 ⓑ 5 X 50 ⓒ 50 X 5 ⓓ 50 X 50

108 The quotient in the opposite model is ......

	4,000	30	5
	254,205	2,205	315
63	−254,205	− 1,890	− 315
	220,5	315	0

ⓐ 435 ⓑ 4,305

ⓒ 4,350 ⓓ 4,035

109 800 X 30 ....

ⓐ 240,000 ⓑ 24,000 ⓒ 2,400 ⓓ 240

110 If 26 X 155 + 20 = 4,050, then the remainder of 4,050 ÷ 26 is ....

ⓐ 20 ⓑ 26 ⓒ 155 ⓓ 4,050

111 4,444 ÷ 44 = ...

ⓐ 111 ⓑ 110 ⓒ 101 ⓓ 1,001

112 The dividend in the division 24 ÷ 6 = 4 is ....

ⓐ 24 ⓑ 6 ⓒ 4 ⓓ 0

113 The quotient in the opposite division model is ....

ⓐ 5,248 ⓑ 12

ⓒ 4 ⓓ 437

```
       0437
 12 | 5,248
    -  48
       44
    -  36
        88
    -   84
         4
```

114 24,000 ÷ 600 = ...

ⓐ 4 ⓒ 40

ⓓ 400 ⓓ 4,000

115 55 ÷ 11 = 5, the dividend of this division operation is ....

ⓐ 5 ⓑ 55 ⓒ 11 ⓓ 550

116 2,215 ÷ 15 = 147 R ....

ⓐ 0 ⓑ 5 ⓒ 10 ⓓ 15

117 29 ÷ 4 = 7 R ....

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

118 In the equation 100 ÷ 5 = 20, the quotient is ....

ⓐ 100 ⓑ 5 ⓒ 20 ⓓ 0

119 [Quotient x divisor] + remainder = ...

ⓐ divisor ⓑ quotient ⓒ remainder ⓓ dividend

120 Complete 1, 1, 2, 3, 5, ...

ⓐ 15 ⓑ 6 ⓒ 7 ⓓ 8

121 In the equation 666 ÷ 19 = 35, the remainder is = ...

a 666 b 19 c 35 d 1

122 654 ÷ .... = 654

a 10 b 100 c 1 d 0

123 Any number dividing by itself (except zero) equals ....

a 0 b 1 c itself d undefined

124 In the equation 27 ÷ 3 = 9, the divisor is ....

a 27 c 3 d 9 d zero

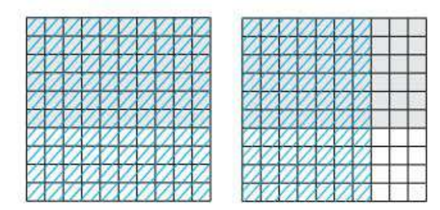
125 The multiplication problem that represents the following model is ....

a 17 X 60

b 1.7 X 0.6

c 170 X 60

d 1.7 X 6



126 If 12 X 45 = 540, then .... X 0.45 = 540

a 1.2 b 0.12 c 120 d 1,200

127 The product of 0.01 X 0.1 has .... decimal places.

a 1 b 2 c 3 d 4

128 If 9 × 3 = 27, then 0.09 × 0.3 = ...

a 0.27 b 0.027 c 2.7 d 0.0027

129 7641 ÷ 1000 = ...

a 7.641 b 76.41 c 764.1 d 1

130 63.5 liters = ... mL

a 635 b 6,350 c 63,500 d 635,000

131 3.2 km = ... m

a 32 b 0.32 c 3,200 d 0.032

132 .... X 0.01 = 4.12

ⓐ 0.0412 ⓑ 412 ⓒ 4,120 ⓓ 4.12

133 6.4 L – 1200 mL = ...mL

ⓐ 5,200 ⓑ 520 ⓒ 56 ⓓ 5,600

134 There are ....milliliters in 2.02 litters.

ⓐ 202000 ⓑ 202 ⓒ 2,020 ⓓ 2

135 78.5 m = ... cm

ⓐ 785 ⓑ 7.85 ⓒ 7,850 ⓓ 0.785

136 .... kg = 460 g

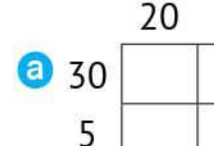
ⓐ 0.46 ⓑ 460,000 ⓒ 4.60 ⓓ 4,600

137 5.2 L = ... mL

ⓐ 0.052 ⓑ 0.52 ⓒ 52 ⓓ 5,200

138 The area model that expresses 2.5 X 0.35 is ....

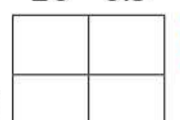
ⓐ columns: 20, 5; rows: 30, 5



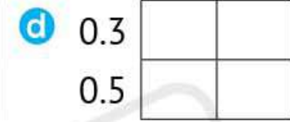
ⓑ columns: 2, 0.5; rows: 0.3, 0.05



ⓒ columns: 20, 0.5; rows: 3, 0.5



ⓓ columns: 2, 0.5; rows: 0.3, 0.5



139 There are .... grams in 10 kilograms.

ⓐ 10 ⓑ 100 ⓒ 1,000 ⓓ 10,000

140 0.2 X 1.12 = ...

ⓐ 224 ⓑ 22.4 ⓒ 2.24 ⓓ 0.224

141 45 – 2.1 X 4.1 + 32 = ...

ⓐ 68.39 ⓑ 207.89 ⓒ 6.839 ⓓ 20.789

142 5.6 + 0.5 – 0.4 X 1.5 = ... *(The first step)*

ⓐ 6.1 – 0.6 ⓑ 5.6 + 0.1 X 1.5

ⓒ 5.6 + 0.5 – 0.6 ⓓ 6.1 – 0.4 X 1.5

143 The pattern rule of 15 , 21 , 27 , 33 , 39 , 45 , ...is ....

ⓐ n + 6 ⓑ n – 6 ⓒ n X 6 ⓓ n ÷ 6

144 The rule of the following pattern is ....

ⓐ n X 2 + 1   ⓑ (n + 1) X 2

ⓒ n + 1 X 2   ⓓ (n + 2) X 1

Input	Output
5	11
6	13
7	15

Second: Complete the following:

1 Three hundred fifty-nine million, forty thousand, six and seventy-nine hundredths *(In standard form):* ....

2 Six milliard, seventy thousand, ninety-six and five thousandths *(In standard form):* ....

3 45,025,003.36 *(In word form):* ....

....

4 In 457,258,350.68, the digit 6 is in the .... place and its value is ....

5 0.523 = ... Thousandths, ... Hundredths, ... Tenths

6 The value of 12.7 decreased when dividing by 10 to ....

7 6.38 ÷ 10 = ...

8 .... ÷ 10 = 2.7

9 0.528 = ... Tenths, ... Hundredths, ... Thousandths

10 2,409.008 (decomposed): ....

11 45.012 = 45 + ...

12 45.269 ≈ .... *(To the nearest 0.01)*

13 0.909 ≈ 1 *(To the nearest ....)*

14 458.025 ≈ .... *(To the nearest Tenth)*

15 65.25 ≈ .... *(To the nearest whole number)*

16 3 Tenths + 28 Thousandths = ... Thousandths

17 The benchmark decimal closest to 1.57 is ....

18 75 Hundredths – 9 Hundredths = ... Hundredths

19 Twenty-two and twenty-two hundredths = ...

20 .... = 6,000 + 900 + 0.3 + 60 + 0.04 + 6

21 If e = 7.102, then e – 5.102 = ...

22 Using the equation f + 0.28 = 9.07, fill the model then find the value of f = ...

....	
....	....

23 .... is the smallest prime number.

24 .... is the smallest odd prime number.

25 .... is a number greater than one and has only two factors.

26 The smallest 2-digit prime number is ....

27 The prime numbers less than 10 are ....

28 If a X 9 = 36, then a = ...

29 The prime factors of 17 are/ is ....

30 The prime number whose factors sum is 12 is ....

31 The multiples of 6 between 20 and 30 are/ is ....

32 The number whose prime factors 2 , 2 , 3 , 3 is ....

33 The **GCF** of 8 and 12 is ....

34 45 X 36 = (.................. + ...) X (.................. + ...)

35 8 X .... = 80,000

36 16 days = ... weeks *" to the nearest week "*

37 5 cm = ... mm

38 In the division equation 29 ÷ 3 = 9 R2 the remainder is ....

39 If 25 x 25 = 625, then 626 ÷ 25 = 25 R ....

40 In the equation 24 ÷ 4 = 6 the remainder is ....

41 Quotient x divisor + remainder = ...

42 0 ÷ 40.54 = ...

43 0.75 X 100 = ...

44 If 8 X 50 = 400, then 0.8 X 5 = ...

45 4,258 cm = ... X .... = ... m

46 .... X 85 = 0.085

47 0.07 ÷ 10 = ...

48 .... ÷ 100 = 6.32

49 0.25 ÷ .... = 25

50 12.5 ÷ .... = 12.5 X .... = 125

51 2.5 m = ... cm

52 923 meters = ... km

53 2.5 cm = ... mm

54 45 X 0.01 = ...

55 12.5 X 100 = ...

56 .... X 10 = 5.6

57 .... ÷ 100 = 0.2

58 7.8 X .... = 0.78

59 78.5 X 0.1 = ... ÷ 100

60 5.6 X .... = 56 ÷ 0.01

61 137 cm = ... m

62 86 kg = ... g

63 8,102 mL = ... L.

64 75.03 ÷ .... = 750.3

65 18 X 0.01 = 18 ÷ ....

66 45.36 cm = ... mm

67 If 326 x 7 = 2,282, then 0.326 x 7 = ...

68 62.62 ÷ 0.62 = ...

69 3.7 ÷ 0.1 = ...

70 78 x .... = 7.8

71 0.008 km = ... m

72 .... X 0.01 = 98.47

73 .... ÷ 0.01 = 0.4

74 21.6 ÷ 2 = ...

75 0.4 x 0.3 = ...

76 53.21 ÷ 1 = ...

77 There are .... milliliters in 14 litters.

78 The product of 13.5 x 2.2 = ...

79 The quotient of 6.66 ÷ 6 = ...

80 18 kg = ... g.

81 11.11 ÷ 11 = ...

82 54 x 0.001 = ...

83 0.23 x 6 = ...

84 63 Hundredths x 5 = ...

85 632.2 x .... = 6.322

86 0.0045 x .... = 45

87 1000 x .... = 52.1

88 There are .... grams in 42.1 kg.

89 If 152 x 7 = 1,064 then, 1.52 x 0.7 = ...

90 0.479 x 100 = ...

91 3,561 ÷ 1 = ...

92 0 ÷ 51,362 = ...

93 If 326 x 7 = 2,282, then 0.326 x 7 = ...

94 360 x 0.1 = ...

95 4.321 x .... = 432.1

96 0.5 X 0.2 = ...

97 1.5 + 2.5 + 0.7 = ...

98 24 – 5.5 + 4.3 = ...

99 2.5 X 8 ÷ 0.5 = ...

100 7.5 + 4 X 2.4 = ...

101 0.36 ÷ 0.9 – 0.4 = ...

102 8.5 + 5.3 + 7.7 + 3.5 = ...

103 0.6 X 8 + 7.5 X 10 + 0.7 X 3 = ...

104 4.8 ÷ 2 + 3.5 ÷ 7 – 6.4 ÷ 8 = ...

105 15 + 4 X 0.3 – 0.2 = ...

106 32 ÷ (0.9 + 0.7) = ...

107 [(20.5 – 10) X 0.3] ÷ 0.1 = ...

108 [(0.36+1.2) ÷ (0.6+0.2)] X 5 = ...

109 2, 5, 8, 11, 14, 17, ..., ... Rule: ....

110 3 , 8 , 13 , 18, ..., ... Rule: ....

111 2.6 + 6.3 x 2 - 3.2 = ...

Third: Story problem:

1 Mahmoud is planning a trip from Cairo to El Fayoum. He will travel 147.72 kilometers. Round the distance to the nearest whole number.

....

....

2 A merchant bought 953.543 kilograms of fruit. The next day, he bought 240.615 kilograms. Estimate the total amount bought by the merchant in the two days. Use the strategy of rounding to the nearest 0.1.

....

....

3 Mohamed had 15,000 pounds. He bought a refrigerator for 7,520.25 pounds, and a washing machine for 5,640.5 pounds. How many pounds does Mohamed have left?

....

....

4 Tamer drinks 1.5 liters of water per day. If he drinks 0.5 liters in the morning and 0.7 liters at lunch, how many liters of water does he drink in the evening?

....

....

5 Emad had 56.5 pounds. He bought a pen for 12.25 pounds and a notebook for 15.5 pounds. How much money does Emad have left?

....

....

6 A classroom in a school has 21 girls and 15 boys. How many students are there in this class? *(Use the bar model)*

....

....

....	
....	....

7 Two numbers whose sum is 255 and one of them is 107.5. What is the other number? *(Use the bar model)*

....

....

....	
....	....

8 The sum of the height of the school building and the height of a tree adjacent to the building is 28.7 m. If the height of the school building is 20.5 meters, find the height of the tree. *(Use the bar model)*

....

....

....	
....	....

9 Fill in the bar model, then find the solution:

$2.456 + x = 7.382$

....

....

....	
....	....

10 Fill in the bar model, then find the solution:

$w = 9.2 - 5.025$

....

....

....	
....	....

11 Omnia has two strips of fabrics. One is 45 centimeters wide, and the other is 75 cm wide. She wants to cut both pieces into strips of equal width that are as wide as possible. How wide should she cut the strips?

....

....

12 Two alarms, one of which rings regularly every two hours, and the other rings regularly every 3 hours. If the two alarms rang together at 12 o'clock, at what hour did they ring together for the first time after that?

....

....

13 A hospital has 12 doctors, and 28 nurses. Find the largest number of equal groups that can be formed of both doctors and nurses. How many doctors are in each group? What is the number of nurses in each group?

....

....

14 Adel goes to the club every 3 days to train for football, and his friend Ahmed goes to the same club every 4 days to train for volleyball. After how many days do the two friends meet?

....

....

15 Ganna is making snack bags for an upcoming trip. She has 6 oranges and 12 pieces of dried fruit. She wants the snack bags to be identical without any food left over. What is the greatest number of snack bags that Ganna can make?

....

....

16 Omar owns 12 buses to transport tourists, each bus can carry 25 passengers. How many passengers can Omar carry each day if each bus is full?

....

....

17 A rectangular piece of land has a length of 256 meters, and a width of 62 meters. Find its area.

....

....

18 Mona saves 1,023 pounds every month. What is the total amount that Mona saves in 18 months??

....

....

19 A teacher has 96 books and wants to distribute them equally among 4 students. How many books will each student get?

....

....

20 Samah bought 76 sweets and distributed them equally among 6 of her friends. How many pieces will each friend get? Will there be pieces of sweets left with Samah?

....

....

21 A box has 256 balls. How many balls are in eight identical boxes?

....

22 What is the number that if divided by 6, the result is 27?

....

23 There are 138 job applicants for a vacancy. They will need to place the applicants in 6 rooms while they fill out the application. How many people will be in each room?

....

....

24 The owner of a juice shop owns 2,880 paper cups. If he uses them within 12 days equally, how many cups did he use every day?

....

....

25 A fruit merchant bought 349 kg of mangoes, and then bought another 364 kg. He wants to distribute the sum of what he bought among 3 boxes equally. How many kilograms are in each box?

....

....

26 A travel agency wants to divide 480 passengers using microbuses, each one has 15 seats. How many microbuses can the travel agency use?

....

....

27 Adel bought a car for 69,380 pounds and paid 65,940 pounds of its price, then he paid the rest of its price over four months equally. What is the value of the monthly installment?

....

....

28 If the profit of one of the shops is 7,280 pounds, and they will be distributed equally among 5 people, what is the share of each person?

....

....

29 An architect is designing a bridge. The architect has two choices for materials. Mighty Steel sells 5 metric tons (t) of steel for 100,000 LE. Silver Strong Steel sells 3 t of steel for 70,000 LE. If the architect needs 15 t of steel, How much money will be saved by purchasing from Mighty Steel?

....

....

30 Sara and her family are going on a road trip to her grandmother's house, which is 465 kilometers away. On Friday, they traveled 124 km. On Saturday, they traveled 210 km. How many kilometers will they need to travel on Sunday to reach her grandmother's house?

....

....

31 If the total price of 25 books is 1,875 pounds, what is the price of 36 books?

....

....

32 Abdulrahman bought a car and paid 85,500 pounds as a down payment (part of the price), and the rest of the car's price is paid in 24 equal monthly installments. If the total price of the car is 163,500 pounds, what is the value of each installment?

....

....

33 A school has 456 boys and 419 girls. It is intended to divide boys and girls equally into 25 classes in the school. How many students will be in each class?

....

....

34 There are 205 people at a concert. After the concert, 40 people left in cars, the rest of them want to go home by a microbus. If the load of each microbus is 11 people, how many microbuses are needed for everyone to get home?

....

....

35 How many weeks are there in 56 days?

....

36 While dividing a number by 3. Ahmed got a quotient of 7 and a remainder of 2. What is the number?

....

....

37 Marwa is a museum curator. She wants to repaint the museum walls, which are measured in meters. There are four walls, each measuring 3.8 m X 15.2 m. Estimate how many square meters she needs to cover with paint. Explain your answer.

....

....

38 Nada bought 26 meters of fabric. If the price of one meter was 43.5 pounds, how many pounds did Nada pay?

....

....

39 Khaled bought 9.5 liters of juice with the price of 12.7 pounds per liter. How many pounds did Khaled pay?

....

....

40 If a pizza costs 22.25 LE, how much do 12 pizzas of the same kind cost?

....

....

41 A merchant bought two types of cloth, one at a price of 92.5 pounds per square meter, and the other at a price of 58 pounds per square meter. If he bought 10 meters of the first type and 6.5 meters of the second type, how many pounds did the merchant pay?

....

....

42 Malek walked 7.9 km on Friday and 3.6 km on Saturday, then Malek repeated that every weekend for 6 weeks. How many total kilometers did Malek walk in 6 weeks?

....

....

43 Eman wants to know how much her height increased. In January, she was 1.34 m tall, and at the end of the year she was 145 cm tall. How many centimeters did Eman increase in height?

....

....

44 A fruit merchant has 5 boxes of mangoes, each weighing 9.5 kg and 3 boxes of peaches, each weighing 4,600 grams. What is the total weights of the fruits that the trader has?

....

....

45 Sami drinks 4 liters of water daily. If he drinks 1.25 liters of water in the morning, and 1,450 milliliters of water in the afternoon, how many liters of water will he drink in the evening?

....

....

46 A cartographer drew a local hiking trail on his map. The length of the trail was 4,000 meters. If each centimeter represents 100 meters on his map, how many centimeters long will the cartographer make the trail on his map?

....

....

47 There are 6.5 liters of milk and 1,814 milliliters of water in a pot. How much liquid is in the pot in liters?

....

....

48 Ali's cat weighs 7 kilograms and his dog weighs 17 kilograms. When Ali took them to the vet, he knew that his cat had gained 0.45 kilograms and his dog had gained 0.12 kilograms. What is the total weight of the two pets now?

....

....

49 Souad bought 20 meters of fabric. If the price of one meter is 65.5 pounds, what is the price of the whole fabric?

....

....

50 A factory for the manufacture of pasta produces 832.5 kg of pasta daily, which are packed in bags of 450 grams per bag. Find the number of bags needed for this.

....

....

51 Maha walked 2.5 kilometers every day for two weeks. The following week, she walked 54.2 km. How many kilometers did she walk during those three weeks?

....

....

52 Hoda is filling identical vases with water for flower arrangements at the florist. She starts with 15.75 liters and pours an equal amount into 16 vases. When she is finished, Hoda still has 3.75 L of water left. How much water is in each vase? Give your answer in liters. Write an expression that matches the scenario, then evaluate the expression.

....

....

53 When Salma was six years old, her brother Alaa was twice her age:

a What is the age of Alaa when Salma is 12 years old?

....

b What is the age of Salma when Alaa was 8?

....

54 Using the given information, list the first five numbers in the pattern,

Starting number: 5, Rule: $n + 5$: ...., ..., ..., ..., ...

55 If 10 millimeters makes 1 centimeter, how many millimeters are in 7 centimeters?

....

....

56 There are 1.000 milliliters in in 1 liter. Omar bought a 2liter bottle of juice.

How many milliliters are in the bottle?

....

....

....

57 Ali bought 24 boxes of soft drinks for 115 LE each. How much money did Ali pays?

....

....

....

58 Arrange each of the following in an ascending order:

6.12 , 6.6 , 6.3 , 6.091

The order : ....

59 Estimate each number by rounding to nearest Tenths, then find the results:

2.85 + 3.156 = ...

Fourth: Answer the following:

1 Match:

a

1 $15.2 - 5.2$	a 1
2 $1.52 - 0.52$	b 10
3 $15.2 - 0.52$	c 100
4 $152 - 5.2$	d 14.68
5 $152 - 52$	e 146.8

b

1 Three thousand and three thousandths = ...	a 0.15
2 150 thousandths = ...	b 3,000.003
3 $400 + 20 + 0.1 + 0.008 =$	c 20
4 $45.95 \times 10 =$	d 420.108
5 $19.999 \approx$ ....(To the nearest Hundredth)	e 459.5

c

1 The difference between 5.5 and 3.7	a $3.7 + 5.5 = y$
2 The sum of 5.5 and 3.7	b $3.7 + a = 5.5$
3 3.7 plus a number equals 5.5	c $m - 3.5 = 3.7$
4 5.5 minus a number equals 3.7	d $5.5 - 3.7 = x$
5 A number minus 3.5 equals 3.7	e $5.5 - n = 3.7$

2 Solve the following equation using bar model: $3.41 + y = 6.27$

....

3 Find:

a $618 \times 43 =$ ....

b $2623 \div 43 =$ ....

c $7.184 \times 6.3 =$ ....

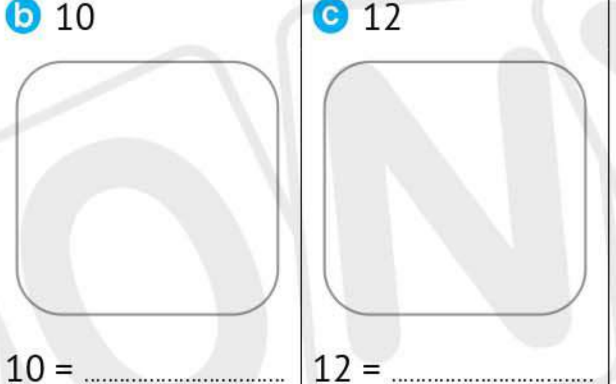
4 Factorize each number into its prime factors using the factor tree:

a) 6



6 = ...

b) 10



10 = ...

c) 12



12 = ...

d) 16



16 = ...

5 Find the greatest common factor (GCF) of each of the following :

a) 12 , 8

12 = ...

8 = ...

GCF = ... = ...

b) 16 , 8

16 = ...

8 = ...

GCF = ... = ...

c) 4 X 8 , 6 X 2 X 2

32 = ...

24 = ...

GCF = ... = ...

d) 6 X 9 , 8 X 2

54 = ...

16 = ...

GCF = ... = ...

6 Find the GCF and LCM for each of the following :

a) 8 , 12

12 = ...

8 = ...

GCF = ... = ...

LCM = ... = ...

b) 8 , 16

16 = ...

8 = ...

GCF = ... = ...

LCM = ... = ...

7 **Use the following words to complete:**

prime, factor, One, composite number, multiples

ⓐ A .... is a number with more than one set of factor pairs.

ⓑ A .... is a number that is multiplied by another number to get a product

ⓒ Skip counting is a way to find the .... of a number.

ⓓ .... is a factor of all numbers.

ⓔ A .... number has only factor pair which is one and itself.

8 **Find the unknown letters in each of the following:**

ⓐ 496 = 4 × [A] + 9 × [B] + 6

....

....

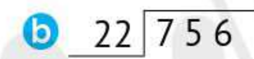
ⓑ 6,140 = 6 × [C] + 1 × [D] + 4 × [E]

....

....

9 **Divide using the standard algorithm for division:**

ⓐ $32\overline{)192}$

ⓑ 
$22\overline{)756}$



كيفية طباعة صفحات معينة من ملف معين



مثلا ازاى نطبع الصفحات من صفحة 4 الى صفحة 9

خطوة 1

خطوة 2
اختيار اسم الطابعة بتاعتك

خطوة 3
كتابة الصفحات المراد طباعتها
نكتب رقم 4 ثم نكتب الشرطة دي – ثم نكتب 9

خطوة 4
اختيار نوع الورق

خطوة 5
اختيار A4

خطوة 6

حمل الآن

مجانا وحصريا

المراجعة رقم (2)







General Revision On Unit 1

1. Choose the correct answer.

1. $\frac{469}{1,000}$ = ... [Cairo 23]

   A. 4.96 B. 0.469 C. 459 D. 4.69

2. $\frac{158}{100}$ = ... [Giza 24]

   A. 1.58 B. 1,580 C. 15.8 D. 0.158

3. 78 Tenths = ... [El Monofia - El Bajour 24]

   A. 0.78 B. 7.8 C. 780 D. 7,800

4. Five and forty-seven hundredths = ... [Luxor 24]

   A. 5.47 B. 5.047 C. 50.47 D. 50.047

5. 8 ones , 6 hundredths and 7 thousandths = ... [Port Said - East 24]

   A. 8.67 B. 8.607 C. 8.067 D. 87.06

6. Sixty-four and sixty-four thousandths = ... [Cairo - El Salam 23]

   A. 46.064 B. 64.064 C. 64.64 D. 46.46

7. The value of the digit 5 in the number 6.325 is .... [Assiut 24]

   A. 5 B. 0.5 C. 0.05 D. 0.005

8. The value of the digit 4 in the number 98.465 is .... [El Monofia - Quesna 24]

   A. $\frac{4}{10}$ B. $\frac{4}{1,000}$ C. 0.04 D. 4,000

9. The value of the digit 8 in 13.821 is .... [Souhag 24]

   A. Tenths. B. Ones. C. 0.08 D. 0.8

10. The value of the digit 7 in the number 738,913 is .... [Qena - Neqada 24]

    A. 7,000 B. 70,000 C. 700,000 D. 70

11. 5 + 10 + 0.6 + 0.07 + 0.009 = ... [Aswan 23]

    A. 976.15 B. 15.679 C. 15.976 D. 51.679

12. 0.8 + 15 + 0.007 = ... [Cairo - El Maadi 24]

    A. 15.708 B. 87.15 C. 15.870 D. 15.807

13. $0.006 + 8 + 0.07 =$ ______ [Kafr El Sheikh 24]

A. 6.087 **B.** 8.708 **C.** 8.076 **D.** 8.76

14. $9 +$ ______ $= 9.3$ [El Menia - Mallawi 24]

A. 3 **B.** 0.3 **C.** 0.03 **D.** 30

15. The place value of digit 5 in the number 3.015 is ______ [Port Said - East 24]

A. 0.005 **B.** Tenths. **C.** Hundredths. **D.** Thousandths.

16. The digit in Tenths place in the number 83.25 is ______

[El Menia - Matay 24, El Monofia - El Sadat 24]

A. 8 **B.** 3 **C.** 2 **D.** 5

17. The digit in the Hundredths place in the number 7.302 is ______

[El Menia - Bani Mazar 24]

A. 0 **B.** 7 **C.** 2 **D.** 3

18. $4.7 \approx$ ______ (to the nearest whole number) [Ismailia - Fayed 24]

A. 5 **B.** 9 **C.** 4 **D.** 3

19. $3.49 \approx$ ______ (to the nearest Tenth) [Souhag - Gerga 24]

A. 3.4 **B.** 3.5 **C.** 33 **D.** 3.40

20. $62.4 \times 100 =$ ______ [Souhag - Akhmem 24]

A. 624 **B.** 6,240 **C.** 62,400 **D.** 0.624

21. $45 \times 100 =$ ______ [El Menia - Deir Mawas 24]

A. 45 **B.** 0.45 **C.** 4,500 **D.** 4.5

22. $9 \times$ ______ $= 900$ [Aswan - Kom Ombo 23]

A. 0.01 **B.** 10 **C.** 1,000 **D.** 100

23. $21.8 \times$ ______ $= 2,180$ [Alexandria - El Montaza 24]

A. 10 **B.** 100 **C.** 1,000 **D.** 1

24. $100 \times$ ______ $= 7.7$ [Giza - El Agouza 23]

A. 0.77 **B.** 77 **C.** 770 **D.** 0.077

25. 2.59 ◯ 2.569 [Cairo - El Basateen and El Salam 24]

A. $<$ **B.** $>$ **C.** $=$ **D.** $\leq$

26. 13.500 ◯ 13.050 [Giza - 6th October 24]

A. $<$ **B.** $=$ **C.** $>$ **D.** Neither

27. 7 Tenths ◯ 0.699 [Giza 24]

A. > **B.** < **C.** = **D.** ≤

28. The greatest decimal from the following is ______ [El Monofia - Tala 24]

A. 0.6 **B.** 0.06 **C.** 0.006 **D.** 0.606

29. 2.6 > ______ [Giza 24]

A. 2.63 **B.** 2.60 **C.** 6.2 **D.** 2.06

30. 75 ◯ 7.5 × 10 [Alexandria - El Gamarek 24]

A. > **B.** < **C.** = **D.** ≤

31. 23,000 ÷ ______ = 230 [Aswan - Edfo 24]

A. 1,000 **B.** 100 **C.** 10 **D.** 0.1

32. 2.51 ÷ ______ = 0.0251 [Cairo - Hadaek El Quba 24]

A. 100 **B.** 0.001 **C.** 0.01 **D.** 0.1

33. The benchmark decimal closest to 0.01 is ______ [Kafr El Sheikh - Bayala 24]

A. 0 **B.** 1 **C.** 0.5 **D.** 1.5

34. 0.8 + 0.6 = ______ [Alexandria - El Montaza 24]

A. 0.14 **B.** 1.4 **C.** 8.6 **D.** 14

35. 3.06 + 5.411 = ______ [Cairo - El Mostabal 24]

A. 5.417 **B.** 8.1011 **C.** 8.471 **D.** 9.011

36. 61.3 – 24.7 = ______ [Cairo - El Zaiton 23]

A. 67.5 **B.** 34.4 **C.** 807 **D.** 36.6

37. 5 Tenths – 35 Hundredths = ______ Hundredths. [Giza 23]

A. 15 **B.** 35 **C.** 30 **D.** 5

38. 15 – 9.879 = ______ [Cairo - Helwan 24]

A. 0.879 **B.** 4.879 **C.** 5.112 **D.** 5.121

39. 9.32 + 7.68 ◯ 20.4 – 3.2 [Cairo - Hadaek El Quba 24]

A. < **B.** > **C.** = **D.** ≤

2. Complete the following.

1. The standard form of three and two hundredth = ... [El Monofia - Ashmoon 24]
2. The value of 3 in the number 5.137 is .... [Souhag - Tema 24]
3. In the number 52.93 , the digit 9 in the .... place. [El Menia - Mallawi 24]
4. The number 250 + 0.2 + 0.05 in the standard form is .... [El Monofia - Menof 24 , Sers El Layan 24]
5. 4.29 = ... + ... + ... (in expanded form). [El Menia - Samalout 24]
6. 25.6 × 100 = ... [Souhag - Gerga 24]
7. 2,500 ÷ 1,000 = ... [El Monofia - Shebin El Kom 24]
8. 169.4 ÷ 100 = ... [kafr El Sheikh - Bayla 24]
9. 24.654 ≃ 24.7 to the nearest .... [Cairo - El Maadi 24]
10. 36.7891 ≈ .... (to the nearest 0.01) [Ismailia 24]
11. The sum of 7.127 + 8.05 = ... [Giza - El Haram 24]
12. 5 Thousandths + 73 Hundredths = ... Thousandths. [El Beheira 23]
13. 3 + 3 Tenths + 3 Hundredths = ... [Giza - Awseem 23]
14. 2 Hundredths – 2 Thousandths = ... Thousandths. [kafr El Sheikh 24]

3. Answer each of the following.

1. Decompose the number 40.302 using the expanded form. [Giza - El Agouza 23]
2. Decompose the number 35.046 using the expanded form. [Cairo - Rod El Farg 24]
3. Decompose the number 800.57 using the expanded form. [Luxor 24]
4. Omnia saved 17.25 pounds and her brother Ahmed saved 23.5 pounds.
   Find the sum they saved. [El Menia - Mallawi 24]
5. Mohamed ran 2.569 km at the first day and 1.269 km at the second day.
   What is the difference between the two distances ? [Cairo 24]
6. Eslam had 29.75 L.E. , he spent 15.75 L.E. Find the remainder with him. [Alexandria – El Montaza 24]
7. Two gold bars , if the weight of the first is 3.39 kg and the weight of the second is 6.08 kg , calculate the weight of the two gold bars. [Aswan 23]
8. Order from greatest to smallest. 80.21 , 8.102 , 80.012 , 8.012 , 80.09
9. Arrange ascendingly : 27.808 , 28.088 , 27.08 , 28.801 [El Menia - Samalout 24]

General Revision On Unit 2

1. **Choose the correct answer.**

1. The mathematical sentence $27 + 4.6 = m$ represents ______ [Giza - 6th October 24]

A. a variable. **B.** an equation. **C.** an expression. **D.** neither.

2. $7.35 + 2.65 = 10$ represents ______ [Cairo - El Mokattam 24]

A. an equation. **B.** an expression. **C.** a variable. **D.** otherwise.

3. Which of the following is an equation ? [Giza 24]

A. $1.8 + m$ **B.** $m + 2.4 + 2$ **C.** $5 \times m$ **D.** $m + 2 = 7$

4. Which of the following is an expression ? [Alexandria - West 24]

A. $x + 0.8 - 1.6$ **B.** $3.25 + y = 5.55$ **C.** $2.36 - 1.5 = m$ **D.** Twice the number 6

5. In $35.4 + x = 72$, the variable is ______ [Alexandria - El Montaza 24]

A. 36.6 **B.** x **C.** 35.4 **D.** 72

6. If $x + 5.8 = 7.8$, then $x =$ ______ [Port Said - Port Fouad 24]

A. 7.8 **B.** 5.8 **C.** 2 **D.** 12.8

7. The value of variable k in the equation : $7.5 = k + 5$ is ______ [Cairo - El Maadi 24]

A. 25 **B.** 2.5 **C.** 0.25 **D.** 12.5

8. The value of the variable x in the equation $x - 3.5 = 0.4$ is ______ [Giza - El Haram 24]

A. 3.009 **B.** 3.05 **C.** 3.09 **D.** 3.9

9. The number 13 has ______ Factor[s]. [Ismailia 24 , El Monofia - Quesna 24]

A. 1 **B.** 2 **C.** 3 **D.** 4

10. The smallest even prime number is ______ [Cairo - Helwan 24]

A. 2 **B.** 3 **C.** 4 **D.** 6

11. The only even prime number is ______ [Souhag 23]

A. 0 **B.** 2 **C.** 4 **D.** 6

12. The next prime number after 7 is ______ [Giza 23]

A. 15 **B.** 13 **C.** 11 **D.** 10

13. The prime number where the sum of its factors is 8 is ______ [El Kalyoubia 23]

A. 2 **B.** 3 **C.** 5 **D.** 7

14. All the following are prime numbers except ________ [El Monofia - Shebin El kom 24]

A. 2 **B.** 11 **C.** 28 **D.** 23

15. The composite number in the following numbers is ________ [Cairo - West 24]

A. 3 **B.** 7 **C.** 5 **D.** 15

16. The prime factors of 15 are ________ [Giza - Awseem 24]

A. 1 and 3 **B.** 3 and 5 **C.** 5 and 15 **D.** 1 and 15

17. The prime factorization of 24 is ________

A. 6×4 **B.** 8×3 **C.** $3 \times 2 \times 2$ **D.** $2 \times 2 \times 2 \times 3$

18. The number whose the prime factorization $2 \times 2 \times 5$ is ________ [Port Said - Port Fouad 24]

A. 225 **B.** 45 **C.** 20 **D.** 9

19. The number whose prime factors are 2 , 2 and 3 is ________ [El Monofia - Ashmoon 24]

A. 6 **B.** 21 **C.** 4 **D.** 12

20. The common factor of all the number is ________ [Ismailia - El kassaseen 24]

A. 0 **B.** 2 **C.** 1 **D.** 3

21. The common factor of 3 and 8 is ________ [El Monofia - Tala 24]

A. 24 **B.** 3 **C.** 8 **D.** 1

22. The G.C.F of 8 and 4 is ________ [El Beheira - Rasheed 24]

A. 1 **B.** 2 **C.** 4 **D.** 8

23. ________ is a common multiple of 9 and 6 [El Monofia - Quesna 24 , Giza - El Haram 24]

A. 12 **B.** 18 **C.** 24 **D.** 27

24. The number ________ is one of the multiples of 7 [El Monofia - El Bagour 24]

A. 15 **B.** 28 **C.** 40 **D.** 32

25. The number 35 is a multiple of ________ [kafr El Sheikh 24]

A. 2 **B.** 3 **C.** 5 **D.** 9

26. The common multiple of all numbers is ________ [Giza - 6^{th} October 24]

A. 0 **B.** 1 **C.** 2 **D.** 3

27. The L.C.M of 5 and 7 is ________ [Cairo - El Sayeda Zeinab 24]

A. 7 **B.** 5 **C.** 12 **D.** 35

28. The L.C.M of 4 and 12 is ________ [Giza 24]

A. 12 **B.** 4 **C.** 20 **D.** 16

2. Complete the following.

1. The variable in the equation : $x + 5 = 9$ is .... [Cairo - El Marg 23]

2. If $a + 3.5 = 6.5$, then a = ... [Giza - South 24]

3. The value of M in the equation : $2.342 - M = 1.924$ is .... [Ismailia 24]

4. The equation which represents the bar model

3.5	
w	2.8

is .... [Alexandria - Agmi 24]

5. In the bar model

47.3	
p	17.1

, the value of the p = ... [Alexandria - El Montaza 24]

6. In the opposite bar model :

The value of the unknown F = ...

F	
5.05	5.5

[El Monofia - Menof 24]

7. .... is the smallest odd prime number. [Cairo - New 24]

8. The smallest even prime number is .... [Port Said - Port Fouad 24]

9. The number whose prime factors are 2 , 2 , 3 and 5 is .... [El Beheira 23]

10. The common factor of all numbers is .... [Cairo - Ain Shams 24]

11. .... and .... are prime factors of 6 [Aswan 23]

12. The G.C.F of 2 and 5 is .... [Port Said - East 24]

13. The G.C.F of 12 and 16 is .... [Cairo - El Mokattam 24 , Giza - El Omrania 24]

14. The common multiple for all numbers is .... [El Monofia - Tala 24 , Quesna 24]

15. The L.C.M of 3 and 7 is .... [Port Said - North 24]

16. The L.C.M of 20 and 30 is .... [Cairo - West 24]

3. Answer each of the following.

1. Find the greatest common factor [G.C.F] of 36 and 24 [Alexandria - Agmi 24]

2. Find [L.C.M] for the two numbers [8 and 12] [El Beheira 23]

3. Find the L.C.M and G.C.F for the two numbers 6 and 10 [Cairo - El Marg 23]

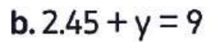
4. Solve each of the following equations using inverse operation strategy.

a. $x + 3.40 = 7.04$

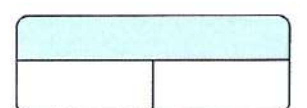
b. $y - 2.34 = 3.66$

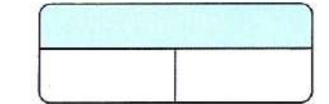
5. Solve the following equations [create a bar model to solve each problem].

a. $T - 2.5 = 2.9$


b. $2.45 + y = 9$

[Cairo - El Sahel 24]





6. Answer the following.

a. List the first five multiples of 8

b. List the first six multiples of 4

c. What are the common multiples of 8 and 4 ?

7. Mona waters one of her plants every 4 days and another plant every 6 days. If she waters both plants today.

When is the next time both plants will be watered on the same day ?

General Revision On Unit 3

1. Choose the correct answer.

1. $47 \times 1{,}000 =$ ______ [El Menia 24]

A. 470 **B.** 4,700 **C.** 4.7 **D.** 47,000

2. ______ $\times 5 = 5{,}000$ [Port Said - East 24, El Fayoum 24]

A. 10 **B.** 100 **C.** 1,000 **D.** 0.1

3. $70 \times$ ______ $= 7{,}000$ [Kafr El Sheikh - Bayala 24, kalyoubia 23]

A. 1 **B.** 10 **C.** 100 **D.** 1,000

4. If $496 = 4 \times (A) + 9 \times (B) + 6$, then $A + B =$ ______ [Assiut 23]

A. 100 **B.** 10 **C.** 110 **D.** 490

5. If $54 \times a = 18 \times 54$, then $a =$ ______ [Alexandria - Agmi 23]

A. 972 **B.** 54 **C.** 18 **D.** 3

6. If $9 \times r = 36$, then $r =$ ______ [Cairo - El Sayeda Zeinab 24]

A. 6 **B.** 9 **C.** 8 **D.** 4

7. $30 \times 15 =$ ______ [El Menia - Matay 23]

A. 45 **B.** 45 Tens. **C.** 45 Hundreds. **D.** 45 Thousands.

8. $20 \times 50 =$ ______ [El Gharbia 23]

A. 100 **B.** 1,000 **C.** 2,500 **D.** 25

9. $110 \times 40 =$ ______

A. 44 **B.** 440 **C.** 4,400 **D.** 44,000

10. $20 \times 15 =$ ______ Hundreds. [Giza 24]

A. 30 **B.** 3,000 **C.** 300 **D.** 3

11. 5 Hundreds × 3 Hundreds = ______ Hundreds.

A. 15 **B.** 53 **C.** 1,500 **D.** 8

12. 49×912 is closer to ______ [Alexandria - West 24]

A. 4,500 **B.** 45,000 **C.** 40,000 **D.** 400

13. Estimate $415 \times 33 =$ ______ [El Monofia - Shebin El kom 24]

A. 12,000 **B.** 1,200 **C.** 150,000 **D.** 1,600

14. The product of 193×19 near close to ______ [El Monofia - Menof 24, Cairo - Nasr City 23]

A. 4,000 **B.** 40 **C.** 400 **D.** 40,000

15. The product of 57 × 83 by using front-end estimation ________ [Aswan - Edfo 24]

A. 40,000 B. 4,000 C. 400 D. 4,800

16. (100 + 100 + 70 + 4) × (6 + 80) = ________ [Suez 23]

A. 174 × 86 B. 174 × 68 C. 274 × 86 D. 274 × 68

17. 2 × (5 × 4) = (2 × ________) × 4 [Kafr El Sheikh 24]

A. 4 B. 5 C. 2 D. 0

18. 53 × ________ = (53 × 4) + (53 × 6) [El Kalyoubia 23]

A. 4 B. 6 C. 8 D. 10

19. (3 × 61) + (5 × 61) = ________ × 61 [Cairo - El Mokattam 24]

A. 53 B. 35 C. 8 D. 6

20. (4 × 85) + (2 × 85) = ________ × 85 [Ismailia - Fayeed 24, Giza - Awseem 23]

A. 24 B. 42 C. 8 D. 6

21. (80 × 10) + (80 × 3) + (3 × 10) + (3 × 3) = ________ [Ismailia 24]

A. 83 × 13 B. 38 × 13 C. 83 × 31 D. 38 × 31

22. 16 × 15 ◯ 20 × 13

A. $>$ B. = C. $<$

23. 327 × 53 ◯ 199 × 43 [Cairo - Nasr City 23]

A. $>$ B. $<$ C. = D. $\leq$

24. 83 × 14 = ________ [Port Said 24]

A. 1,126 B. 97 C. 83.14 D. 1,162

25. 1,234 × 25 = ________ [El Fayoum - West 23]

A. 30,850 B. 30,854 C. 30,751 D. 30,755

26. The model below represents ________ [El Sharkia 23, Cairo - El Basateen and El Salam 24]

	60	5
3	180	15

A. 63 ÷ 5 B. 65 ÷ 3 C. 165 ÷ 3 D. 65 × 3

27. What is the unknown value in the area model of 27 × 43 ? [Assiut 23]

×	40	3
20	800	?
7	280	21

A. 6 B. 60

C. 12 D. 120

28. The missing number in the opposite product is ______

$$\begin{array}{r} 5\ 1\ 4 \\ \times \quad 1\ 3 \\ \hline \text{____} \\ +\ 5,\ 1\ 4\ 0 \\ \hline 6,\ 6\ 8\ 2 \end{array}$$

A. 2,451 **B.** 1,524

C. 1,452 **D.** 1,542

29. A pair of shoes costs 500 L.E. , which is 5 times as much as a shirt costs , then the shirt cost = ______ L.E.

A. 500 **B.** 400 **C.** 300 **D.** 100

30. Mona bought 31 boxes of juice for 25 L.E. each. She paid = ______ L.E.

A. 757 **B.** 775 **C.** 577 **D.** 7,750

31. What is the ones digit of the product of 456 × 24 will be without solving the whole problem ? [El Monofia - El Sadat 23]

A. 3 **B.** 4 **C.** 5 **D.** 6

---

2. Complete the following.

1. If b × 3 = 24 , then b = ______ [Giza - El Omrania 24]
2. 3 × 500 = ______ [Port Said 24]
3. ______ × 15 = 15,000 [El Beheira 24]
4. 30 × 40 = ______ [Alexandria - El Gamarek 24]
5. 142 × 2 = ______ [Cairo - New 24]
6. 21 × 64 = ______ [Aswan - kom Ombo 23]
7. 2,134 × 5 = ______
8. 70,000 = 7 × ______
9. 40 × 12 = ______ [Giza - 6th October 24]
10. 9 × 27 = (9 × ______) + (9 × 7) [Alexandria - West 23]
11. 4 × 354 = (4 × 300) + (4 × 50) + (4 × ______) [El Monofia - Menof 24 , Sers El Layan 24]
12. (6 × 87) + (20 × 87) = ______ × 87 [Giza 24]
13. (40 × 30) + (40 × 8) + (7 × 30) + (7 × 8) = ______ × ______ [Alexandria - Agmi 24]
14. This area model

	90	8
80		
9		

represents the product ______ × ______ [El Monofia - Tala 24]

3. Answer each of the following.

1. Find the missing number. [Giza - Awseem 23]

a. If $n \times 123 = 0$, then $n =$ ________

b. If $5 \times m = 35$, then $m =$ ________

2. Find the product of 56×12 [Use one of the multiplication strategies]

[El Monofia - El Bagour 24]

3. A factory produces 320 toys each month. What is the number of toys that is produced in 12 months ? [Alexandria - Agmi 24]

4. A box of mangoes weights 9 kilograms.
How many kilogram would 1,000 boxes weight ? [Aswan 23]

5. 8 Friends everyone has 122 pounds. Find the total amount of money. [El Gharbia 23]

6. Marwa saved 125 pounds , Ahmed saved 11 times as Marwa , Mariam saved 9 times as Marwa. How much money they saved ?

7. Ahmed has 300 pounds to spend on new clothes if he bought 12 pair of socks for 18 pounds a pair. How money will he have left to spend ? [Ismailia 24]

General Revision On Unit 4

1. Choose the correct answer.

1. $24 \div$ ______ $= 8$ [El Beheira - Rasheed 24]
   A. 12 B. 4 C. 3 D. 6
2. $90 \div$ ______ $= 10$ [El Monofia - Ashmoon 24]
   A. 90 B. 19 C. 9 D. 0.9
3. $150 \div 15 =$ ______ [Giza - Abo El Nomrous 24]
   A. 10 B. 101 C. 51 D. 15
4. $23 \div 1 =$ ______ [Giza - South 24]
   A. 0 B. 1 C. 23 D. 24
5. $0 \div 25 =$ ______ [Giza - El Omrania 24]
   A. 0 B. 25 C. 1 D. 2
6. $8{,}100 \div 90 =$ ______ [Port Said 24]
   A. 9 B. 0.9 C. 90 D. 0.09
7. ______ has no remainder. [El Monofia - Tala 24]
   A. $16 \div 3$ B. $16 \div 5$ C. $16 \div 6$ D. $16 \div 8$
8. The divisor in the equation $39 \div 5 = 7$ R 4 is ______ [Ismailia - El Kassaseen 24]
   A. 7 B. 5 C. 39 D. 4
9. If $45 \div 6 = 7$ R 3 , then the dividend is ______ [Cairo - El Mokattam 24]
   A. 6 B. 45 C. 7 D. 3
10. In the equation : $24 \div 6 = 4$, the remainder is ______ [Cairo - El Basateen and El Salam 24]
    A. 0 B. 1 C. 2 D. 4
11. The quotient in the equation : $63 \div 7 = 9$ is ______ [Alexandria - El Montaza 24]
    A. 63 B. 7 C. 9 D. 0
12. $1{,}515 \div 15 =$ ______ [Cairo - El Mokattam 24 , Ismailia 23]
    A. 11 B. 101 C. 1,001 D. 15
13. $4{,}150 \div 29 = 143$ R ______ [Ismailia 24 , Giza - Awseem 23]
    A. 4 B. 2 C. 1 D. 3
14. In the opposite area model of division , the value of x is ______
    A. 1 B. 10
    C. 100 D. 1,000

	200	x	7
34	7,378 −6,800 578	578 −340 238	238 −238 000

15. If $125 \times 5 = 625$, then $627 \div 5 = 125$ R ______ [Ismailia - El kassaseen 24]
    A. 1 B. 0 C. 2 D. 3

16. If 4,092 ÷ 12 = 341 , then 341 × 12 = ________

A. 4,091 B. 4,092 C. 4,093 D. 4,094

17. If 3,321 ÷ 27 = 123 , then 3,323 ÷ 27 = ________

A. 123 B. 123 R 1 C. 123 R 2 D. 123 R 3

2. Complete the following.

1. 3,600 ÷ 4 = ________ [Alexandria - Agmi 24]
2. 29 ÷ 4 = 7 R ________ [Cairo - El Mokattam 24, Port Said - North 24]
3. If 30 ÷ 5 = 6 , then 5 is called ________ [El Gharbia 23]
4. If we divide 18 plums equally into 3 bags , then the number of plums in each bag is ________ plums. [Ismailia 23]
5. 120 ÷ 30 = ________ [Alexandria - El Gamarek 24]
6. Quotient × divisor + remainder = ________ [Ismailia 24]
7. The quotient in the opposite area model is ________

	70	3
25	1,825 −1,750 75	75 −75 00

8. If 13 × 257 = 3,341 , then 3,344 ÷ 13 = 257 R ________
9. 2,761 ÷ 2,761 = ________
10. If 650 ÷ 25 = 26 , then 26 × 25 + 5 = ________
11. 1,227 ÷ 12 = ________ R ________ [Cairo - Al Khalifa and Al Mokattam 23]

3. Answer each of the following.

1. Find the quotient of division 6,224 ÷ 16 [Cairo - El Mokattam 24]
2. Distribute 3,600 L.E. between 9 persons equally. How much every one takes ? [Giza - El Agouza 23]
3. A teacher wants to distribute 510 prizes among 5 classes equally. How many prizes does each class get ? [El Monofia - Menof 24, Sers El Layan 24]
4. If 165 passengers travel to Cairo by private cars, the number of passengers in each car is 11 passengers , what is the number of cars to transport all the passengers ? [El Kalyoubia 23]
5. A charity wants to distribute 3,125 pounds between 25 persons equally. What's the share of each person ? [Giza - Abo El Nomrous 23]
6. There are 1,500 animals in one barn. There are 574 goats , 346 cows and the rest are horses. If 80 horses were sold , how many horses are left in that barn ?

General Revision On Unit 5

1. Choose the correct answer.

1. $85.3 \times 0.1 =$ .... [Ismailia - Fayeed 24, Port Said - Port Fouad 24]
   A. 85.03 B. 0.853 C. 8.53 D. 853

2. $1.7 \times 0.01 =$ .... [Cairo - El Mokattam 24]
   A. 0.017 B. 0.17 C. 17 D. 1.7

3. $58.675 \times 0.10 =$ .... [El Beheira 23]
   A. 85,675 B. 5.8675 C. 586.75 D. 60

4. $100 \times 5.2 =$ .... [Cairo - Heliopolis 23]
   A. 5.20 B. 520 C. 0.52 D. 52

5. $14 \times$ .... $= 1.4$ [kafr El Sheikh - Bayala 24]
   A. 10 B. 100 C. 0.1 D. 0.01

6. .... $\times 0.01 = 4.12$ [Souhag 23]
   A. 412 B. 4,120 C. 41,200 D. 0.412

7. $76.5 \times \frac{1}{10} =$ .... [El Menia 23]
   A. 765 B. 7.65 C. 0.765 D. 76.05

8. $91.2 \times 0.01 \bigcirc 0.0912 \times 10$ [El Monofia - Quesna 24]
   A. $>$ B. $<$ C. $=$ D. $\geq$

9. $0.5 \times 0.5 =$ .... [Giza 24, Port Said 24]
   A. 25 B. 2.5 C. 0.25 D. 0.025

10. $0.4 \times 0.6 =$ .... [Giza - Awseem 24, El Beheira 23]
    A. 24 B. 2.4 C. 0.24 D. 0.024

11. If $4 \times 9 = 36$, then $0.4 \times 0.9 =$ .... [Giza - Abo El Nomrous 24]
    A. 0.36 B. 0.6 C. 6.3 D. 36

12. $0.2 \times 50 =$ .... [Cairo - West 24]
    A. 10 B. 1,000 C. 2,500 D. 25

13. 3 Hundredths $\times$ 3 = ... [Ismailia 23]
    A. 9 Hundreds. B. 9 Hundredths. C. 0.90 D. 9

14. $12 \times 0.2 =$ .... [Port Said - North 24]
    A. 240 B. 2.4 C. 0.24 D. 24

15. 3 Tenths $\times$ 4 Tenths = ... [Cairo - El Basateen and El Salam 24]
    A. 12 Tenths. B. 12 Hundredths. C. 12 Ones. D. 12 Thousandths.

16. 8.43 × 0.2 ≈ ________ [to the nearest Hundredth] [Giza 23]

A. 1.686 B. 1.7 C. 1.69 D. 2

17. 2.1 × 5.3 = ________ [El Monofia - Shebin El kom 24]

A. 111.3 B. 11.13 C. 1.113 D. 1.333

18. 4.1 × 1.1 = ________ [Giza - Awseem 24, El Beheira 23]

A. 45.1 B. 451 C. 0.451 D. 4.51

19. The operation in the opposite area model is ________ × ________ [El Monofia - Menof 24]

	5	0.6
4	20	2.4
0.2	1.0	0.12

A. 5.6 × 4.2 B. 24 × 56

C. 0.24 × 0.56 D. 0.24 × 5.6

20. 0.57 liter = ________ mL [Cairo - El Sahel 24]

A. 0.057 B. 5.7 C. 57 D. 570

21. 0.725 kg = ________ gm [Cairo - El Maadi 24]

A. 725 B. 72.5 C. 7.25 D. 7,250

22. 16.5 m = ________ cm [Alexandria - El Montaza 24]

A. 1.65 B. 165 C. 1,650 D. 0.165

23. 2.8 × 0.01 ☐ 2.8 ÷ 0.01 [El Monofia - Sers El Layan 24]

A. < B. = C. > D. otherwise.

24. 3.6 ÷ 0.04 = ________ [Cairo - Heliopolis 23]

A. 0.9 B. 90 C. 0.09 D. 0.009

25. 1.2 ÷ 0.12 = ________ [Cairo - West 24]

A. 10 B. 20 C. 12 D. 21

26. 0.35 ÷ 0.5 = ________ [Alexandria - West 23]

A. 7 B. 0.007 C. 0.07 D. 0.7

27. The quotient of 2.4 ÷ 0.4 = ________ [Cairo 23]

A. 11 B. 6 C. 0.6 D. 1.6

28. 4 ÷ 0.5 = ________ [El Monofia - Tala 24]

A. 5 B. 8 C. 2 D. 3

29. 29.29 ÷ 29 = ________ [Cairo - El Maadi 24]

A. 1.1 B. 1.01 C. 10.1 D. 0.101

30. 95 millimeters = ________ cm [Port Said 23]

A. 9.5 B. 0.95 C. 0.0095 D. 0.095

2. **Complete the following.**

1. $123 \times 0.01 =$ ________ [El Beheira 23]
2. ________ $\times 0.01 = 5.324$ [Giza - Awseem 23]
3. $4.2 \times 5.6 =$ ________ [Giza - Awseem 23]
4. $25 \times 0.1 =$ ________ [Aswan - Kom Ombo 23]
5. $5.4 \times 0.12 =$ ________ [Cairo - Heliopolis 23]
6. 250 mL = ________ L [Cairo - El Marg 23]
7. 700 g = ________ kg [Cairo - El Nouzha 23]
8. 39 days ≈ ________ weeks (to the nearest week) [Ismailia 23]
9. $513.2 \div 0.01 =$ ________ [Cairo - El Basateen and El Salam 24 ,Ismailia 23]
10. $12.7 \div 0.01 =$ ________ [Cairo - Hadaek El Quba 24 , Ismailia 23]
11. 36 cm = ________ m [El Beheira 23]
12. $89.36 \div 100 = 89.36 \times$ ________ [Giza - Awseem 23]
13. The quotient of $6.66 \div 6 =$ ________ [El Beheira 23]
14. $8.8 \div 3.2 =$ ________ $\div$ ________ $=$ ________ [Ismailia 23]
15. $2.1 \div 0.7 =$ ________ [Cairo - El Nouzha 23]
16. The quotient of $84.24 \div 2 =$ ________ [Cairo - El Marg 23]
17. 2,000 g = ________ kg [Giza - El Haram 24 , El Beheira 23]

---

3. **Anwer each of the following.**

1. Find the result of : 2.14×2.7 [Cairo 23]
2. **Use any strategy to find. (with steps)**
   a. 1.74×3.5 b. 2.43×3.4 c. 29.76×6.4 [Ismailia 23]
3. An ant walks 0.2 km on a day. How many meters does it walk ? [Ismailia 23]
4. Ali bought 9 cans of soda , if the price of one can is 6.5 pounds , how much money did Ali pay ? [Cairo - El Sherouk 23]
5. A rope that is 4.5 meters long is cut into 3 equal pieces. How long is each piece ? [Aswan 23]
6. If the price of a bottle of juice is 14.5 L.E. , what is the price of 15 bottles of the same juice ? [Cairo 24 , El Beheira 23]
7. Ali has 6.72 m of wire. If he decided to cut it into 16 pieces , what is the length of each piece ? [Souhag 23]

General Revision On Unit 6

1. **Choose the correct answer.**

1. $6 + 2.4 \times 10 =$ ______ [Giza 24 , El Menia - Mallawi 24]

A. 8.4 **B.** 84 **C.** 30 **D.** 8.24

2. $2.3 \div 0.1 + 10 =$ ______ [Cairo - El Basateen and El Salam 24]

A. 230 **B.** 10.23 **C.** 33 **D.** 0.33

3. $25 \times 4 \div [6 - 5] =$ ______ [Cairo - El Mokattam 24]

A. 100 **B.** 101 **C.** 0.01 **D.** 165

4. The operation must done first to calculate : $50 - 8 + 1.2 \times 10 \div 0.1$ is ______

A. addition. **B.** subtraction. **C.** multiplication. **D.** division.

5. Subtract 2.2 from 6.42 and multiply the result by 3 , then the expression is ______

A. $2.2 \times 3 - 6.42$ **B.** $3 \times 6.42 - 2.2$ **C.** $6.42 - 2.2 \times 3$ **D.** $[6.42 - 2.2] \times 3$

6. Which expression matches the clue "Multiply 5.4 by 100 , next add 18 , last divide the result by 9" ?

A. $5.4 \times 100 + 18 \div 9$ **B.** $5.4 \times [100 + 18] \div 9$

C. $[5.4 \times 100] + 10 \div 9$ **D.** $[5.4 \times 100 + 18] \div 9$

7. The rule of the pattern : 3 , 7 , 11 , 15 , ... , is ______ [Alexandria - West 24]

A. $n - 4$ **B.** $n + 4$ **C.** $n \times 4$ **D.** $n \div 4$

8. The rule of the pattern : 1 , 2 , 5 , 14 , ... , is ______

A. $n + 1$ **B.** $n \times 2 - 1$ **C.** $n \times 3 - 1$ **D.** $n \times 2 + 1$

9. The missing number in the opposite pattern is ______

A. 12 **B.** 15

C. 21 **D.** 28

input	output
4	9
5	11
6	13
7	....
8	17

10. The second step to evaluate the expression $9.3 \times 0.1 + 4.7 - 1.1$ is ______

A. 9.3×0.1 **B.** 9.3×4.8 **C.** $0.93 + 4.7$ **D.** $0.93 + 1.1$

11. $2 + [2.1 - 0.1] \times 5 =$ ______ [El Monofia - Tala 24]

A. 10 **B.** 12 **C.** 20 **D.** 24

12. The value of the expression : $30 - 25 \div [4 + 1]$ is ______ [Alexandria - Agmi 24]

A. 1 **B.** 25 **C.** 5 **D.** 10

2. Complete the following.

1. $3.3 \div 3 \times 10 =$ ________ [Alexandria - West 23]
2. 1.3 , 1.7 , 2.1 , 2.5 , ________ , 3.3 (in the same pattern) [El Monofia 23]
3. 5 , 10 , 20 , 40 , ________ (in the same pattern) [Port Said 24 , El Menia 23]
4. 85 , 80 , 75 , ________ Rule ________ [Cairo - El Marg 23 , El Basateen and El Salam 24]
5. In the pattern : 5 , 10 , 15 , 20 , ... , the rule is ________ [Giza - Awseem 23]
6. 1.5 , 3 , 4.5 , 6 , ________ [Aswan 23]
7. 23 , 27 , 31 , 35 , ________ (in the same pattern) [El Beheira 23]
8. 0 , 3 , 6 , 9 , 12 , ________ [Cairo - El Zaiton 23]
9. In the pattern : 3 , 5 , 7 , 9 , ... , the rule is ________ [Giza 23]
10. $12 \div 4 + 2 =$ ________ [Cairo - Ain Shams 24]
11. $3.2 \times 3 \div 6 + 1.4 =$ ________ [Ismailia 24]
12. The first operation to evaluate the expression : $(9.4 - 3.4) \div 2 + 55 \times 10$ is ________
13. In the opposite table, the rule of the pattern is ________

input	1	2	3	4
output	5	10	15	20

3. Answer each of the following.

1. Subtract 3.1 from 4.6 , then multiply the result by 0.01 [Port Said 24 , Giza - Awseem 23]
2. Write the expression that matches the clue. Then, evaluate the expression.
   Subtract 2.1 from 5.2 , then multiply the result by 100
3. Use the order of mathematical operations to evaluate : $4.2 + 24 \div 4 + 8$
4. Lucinda had 2,000 pounds. She bought 10 balls for 33 pounds each and 10 toys for 27 pounds each. How much money is left with Lucinda ?
5. Use the order of mathematical operations to evaluate the expression :
   $7 + 3 \times [5 - (3 \times 1)] - 12 \div 10$

حمل الآن

مجانا وحصريا

المراجعة رقم (3)







Revision 2024

Math

Primary 5 - first term

أ.محمود سعيد



Question 01 choose the correct answer

1. The place value of 8 in the number 85.324 is ....
   (a) tenths (b) tens (c) hundreds (d) ones
2. The value of 7 in the number 254.375 is ....
   (a) 70 (b) 0.07 (c) 0.007 (d) hundredths
3. The number of thousandths in 0.23 is ....thousandths
   (a) 0 (b) 230 (c) 0.23 (d) 2.3
4. 1,232 ÷ 12 = 102 R ....
   (a) 12 (b) 8 (c) 18 (d) 2
5. The only even prime number is ....
   (a) 2 (b) 0 (c) 3 (d) 10
6. The smallest odd prime number is ....
   (a) 0 (b) 1 (c) 2 (d) 3
7. h + 5.2 = 9.1 , then h = ...
   (a) 14.3 (b) 3.9 (c) 4.1 (d) 4
8. 426.54 - d = 123.5 , then d = ...
   (a) 303.04 (b) 550.04 (c) 303 (d) 550
9. 500 g = ...kg
   (a) 500,000 (b) 5,000 (c) 0.5 (d) 50
10. 8.5 Liters = ...ml
    (a) 85,000 (b) 8,500 (c) 850 (d) 0.85
11. 6.4 L – 1,200 ml = ...
    (a) 5,200 (b) 520 (c) 56 (d) 5,600
12. ....x 0.01 = 4.12
    (a) 0.0412 (b) 412 (c) 4,120 (d) 4.12
13. 42.96 ÷ 0.1 = ...
    (a) 429.6 (b) 4.296 (c) 4296 (d) 0.4296

(14) 65.7 x 1,000 = ...

ⓐ 457,000 ⓑ 65,700 ⓒ 657 ⓓ 0.657

(15) 13.13 ÷ 0.13 = ...

ⓐ 11 ⓑ 130 ⓒ 101 ⓓ 0.1313

(16) 0.6 x 0.4 = ...

ⓐ 24 ⓑ 0.24 ⓒ 2.4 ⓓ 0.2

(17) 30 days = ...weeks, ...days

ⓐ 4 weeks, 28 days ⓑ 4 weeks, 8 days
ⓒ 4 weeks, 2 days ⓓ 28 weeks, 2 days

(18) The third number of the pattern which start with 5 and its rule is (n - 2) x 3 is ....

ⓐ 9 ⓑ 21 ⓒ 5 ⓓ 15

(19) The second step in 5.6 x 2 - 0.75 + 6.2 is ....

ⓐ 5.6 x 2 ⓑ 2 - 0.75 ⓒ 11.2 - 0.75 ⓓ 0.75 + 6.2

(20) In 4 , 5.5 , 7 , 8.5 , 10 ,the rule is ....

ⓐ n +1 ⓑ n - 1.5 ⓒ n + 1.5 ⓓ n - 1

(21) 45 - 2.1 x 4.1 + 32 = ...

ⓐ 68.39 ⓑ 207.89 ⓒ 6.839 ⓓ 20.789

(22) ....is an expression .

ⓐ 45.1 + 3 = 48.1 ⓒ 3.2 + 15 = 18.2
ⓑ 2.6 + 6.3 x 2 - 3.2 ⓓ 25.2 - 5 = 20

(23) 5 + m - 3.2 . This called ....

ⓐ equation ⓑ expression ⓒ multiplication ⓓ division

(24) Any number dividing by zero equal ....

ⓐ 0 ⓑ 1 ⓒ itself ⓓ undefined

(25) The benchmark of 0.85 is ....

ⓐ 0 ⓑ 1 ⓒ 0.5 ⓓ 10

(26) The number whose prime factors 2 , 2 , 3 is ....

ⓐ 2 ⓑ 3 ⓒ 4 ⓓ 12

(27) Add the number 6 to the multiplicative identity . The result is ....

ⓐ 6 ⓑ 7 ⓒ 5 ⓓ 1

(28) Subtract the multiplicative identity from 6.3 . The result is ....

ⓐ 5.3 ⓑ 5 ⓒ 7.3 ⓓ 7

29 5.6 + m = 10.4 , then m = ...

ⓐ 10.4 + 5.6 ⓑ 16 ⓒ 10.4 - 5.6 ⓓ 30

30 k - 3.21 = 5 , then k = ...

ⓐ 5 - 3.21 ⓑ 5 + 3.21 ⓒ 2 ⓓ 1.23

31 450 ÷ 10 = ...

ⓐ 45 tens ⓑ 450 tens ⓒ 450 ⓓ 45

32 1,000 ÷ 100 = ...

ⓐ 10 ⓑ 1 ⓒ 100 ⓓ 1000

33 Any number dividing by 1 equal ....

ⓐ 0 ⓑ 1 ⓒ itself ⓓ undefined

34 Any number dividing by itself equal ....

ⓐ 0 ⓑ 1 ⓒ itself ⓓ undefined

35 654 ÷ .... = 654

ⓐ 10 ⓑ 100 ⓒ 1 ⓓ 0

36 0 ÷ 1.45 = ...

ⓐ 1.45 ⓑ 0 ⓒ 1 ⓓ undefined

37 32.1 ÷ 0 = ...

ⓐ 0 ⓑ 1 ⓒ 32.1 ⓓ undefined

38 The place value of 7 in the number 254.375 is ....

ⓐ tens ⓑ thousands ⓒ thousandths ⓓ hundredths

39 Any number multiplying by one equal ....

ⓐ 0 ⓑ 1 ⓒ itself ⓓ undefined

40 10 = double of ....

ⓐ 10 ⓑ 20 ⓒ 5 ⓓ 0

41 100 = half of ....

ⓐ 50 ⓑ 200 ⓒ 100 ⓓ 1

42 60 is twice ....

ⓐ 30 ⓑ 60 ⓒ 120 ⓓ 10

43 There are ....millilitres in 2.02 litters

ⓐ 202,000 ⓑ 202 ⓒ 2020 ⓓ 2

44 There are ....meters in 57.357 km

ⓐ 57,357 ⓑ 0.57357 ⓒ 5,735.7 ⓓ 57.357

45 4 thousandths x 3 = ...

ⓐ 0.012 ⓑ 12 ⓒ 12,000 ⓓ 1.3

46. 6 + c = 2.1 is called ....
   ⓐ equation ⓑ expression ⓒ multiplication ⓓ division
47. Any number multiplied by zero equal ....
   ⓐ 0 ⓑ 1 ⓒ itself ⓓ undefined
48. The value of the digit 4 in the number 3.514 is ....
   ⓐ 40,000 ⓑ 400 ⓒ 0.4 ⓓ 0.004
49. The value of the variable x in the equation x + 3.5 = 8 is ....
   ⓐ 3.5 ⓑ 5.4 ⓒ 4.5 ⓓ 5.5
50. All the following numbers are prime numbers except ....
   ⓐ 2 ⓑ 5 ⓒ 7 ⓓ 9
51. The number ....is the common multiple of all numbers .
   ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3
52. 18.58 = ...round to the nearest whole number .
   ⓐ 59 ⓑ 19 ⓒ 18 ⓓ 18.6
53. 20 + 0.07 + 0.008 = ...
   ⓐ 20.078 ⓑ 20.78 ⓒ 20.708 ⓓ 20.807
54. (4 x 85) + (2 x 85) = ...x 85
   ⓐ 24 ⓑ 42 ⓒ 8 ⓓ 6
55. Five ones , forty seven thousandths = ...
   ⓐ 57.4 ⓑ 5740 ⓒ 5.47 ⓓ 5.047
56. The number ....is one of the multiples of the digit 6 .
   ⓐ 16 ⓑ 26 ⓒ 24 ⓓ 106
57. The prime factors of 12 are ....
   ⓐ 2,2,3 ⓑ 2,3,3 ⓒ 6,2 ⓓ 4,3
58. The number ....is the common factor of all numbers .
   ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3
59. The value of the variable x in the equation x - 2.5 = 4 is ....
   ⓐ 1.5 ⓑ 6.5 ⓒ 5.6 ⓓ 5.1
60. The composite number in the following numbers is ....
   ⓐ 7 ⓑ 13 ⓒ 15 ⓓ 5
61. The smallest 2-digit prime number is ....
   ⓐ 13 ⓑ 2 ⓒ 3 ⓓ 11
62. The smallest 2 different digit prime number is ....
   ⓐ 3 ⓑ 2 ⓒ 13 ⓓ 17
63. The GCF of 3 and 7 is ....
   ⓐ 3 ⓑ 7 ⓒ 21 ⓓ 10

Question 02 complete

1. 0.008 km = ...m
2. 38 x 52 = (30 x 50) + (30 x ....) + (8 x ....) + (8 x 2)
3. ....÷ 0.01 = 0.4
4. 63 hundredths x 5 = ...
5. The common multiple of all numbers is ....
6. 654 x 100 = ...
7. The prime factors of 14 are ....
8. Quotient x divisor + remainder = ...
9. 2.6 + 6.3 x 2 - 3.2 = ...
10. 11.11 ÷ 11 = ...
11. The factors of 18 are ....
12. The remainder must be less than the ....
13. 11 has ....factors
14. The product of 13.5 x 2.2 = ...
15. The multiplicative identity is ....
16. 1,000 g= ....kg
17. The place value of 4 in the number 85.324 is ....
18. ....are the factors of 25
19. The smallest prime number is ....
20. 6.2 - m = 3 , then m = ...
21. 0.4 x 0.3 =..............................
22. 3.7 + 1.54 = ...
23. 2.321 x 0.001 = ...
24. 21.6 ÷ 2 =.......10.8 ......
25. 4 x 43 = (4 x 3) + (4 x ....)
26. The value of 4 in the number 85.324 is ....
27. 4 hundredths - 12 thousandths = ...thousandths
28. The additive identity is ....
29. 5 thousandths + 73 hundredths = ... Thousandths

30. The number of factors of 18 is ....
31. The sum of 3.127 + 8.65 = ...
32. The number whose prime factors 2 , 2 , 3 , 3 is ....
33. 18 kg = ... g
34. The fourth number of the pattern which start with 4 and its rule is (2n + 3) is ....
35. in 37 ÷ 6 = 6 R 1 , the dividend is ....
36. Complete by using the following area model

	50	8
40	2,000	320
2	100	16

58 × 42 = (40 × ....) + (40 × 8) + (...... × 50) + (2 × .....) = ...
37. There are .... grams in 42.1 kg
38. 78 x ....= 7.8
39. In the equation 24 ÷ 4 = 6 the remainder is ....
40. 62.62 ÷ 0.62 = ...
41. 6.2 x 0.001 = ...
42. ....x 0.01 = 98.47
43. 0.32 x 12 = ...
44. 5.6 x 2 - 0.75 + 6.2 = ...
45. 0.0045 x .... = 45
46. The first operation in 45 - 2.1 x 4.1 + 32 is ....
47. The prime factors of 18 are ....
48. Prime numbers has ....factors
49. Add the number 6 to the additive identity . The result is ....
50. The number of hundredths in 0.23 is ....hundredths.
51. .... Is not composit nor prime .
52. 8.2 - 2.6 = ...
53. 53.21 ÷ 1 = ...
54. There are ....milliliters in 14 litters
55. 4 hundredths - 12 thousandths = ...
56. The number whose all prime factors are 3,2,2 is ....
57. The GCF of 8 and 12 is ....
58. The quotient of 6.66 ÷ 6 = ...
59. (300 + 60 + 1) x 5 = ... x 5

60. The quotient in 480 ÷ 48 = 10 is ....
61. The product of 899 x 11 is closer to the product of............x................
62. 54 x 0.001 = ...
63. 0.23 x 6 = ...
64. 632.2 x .... = 6.322
65. 3.7 ÷ 0.1 = ...
66. Twenty two and twenty two hundredths is ....
67. 0.2 x 31.2 = ...
68. 3,000 ÷ 100 = ...
69. 0.2546 x 1,000 = ...
70. 1,000 x .... = 52.1
71. complete the area model and find the answer
(40 × 40) + (40 × 8) + (9 × 40) + (9 × 8) = ...

	40	....
....	1,600	....
9	....	72

Question 03 Answer the following questions

1. Eyad has 6.72 m of wire . If he decided to cut it into 16 pieces . What is the length of each pieces ?

....

2. Sandy drink 5.24 liters of juice weekly . If the cost of 1 liter of juice is 16.2 LE . Find what sandy pays ?

....

3. Hana was 10 years old , her sister Yara was half her age . How old will Yara be when Hana is 12 years old ?

....

4. Retal bought 4 books for 20 pounds each and bought 6 pens for 65 pounds . If she had 300 pounds . How much money are left ? Write the equation .

....

5. Omar had 5000 pounds. If he bought 6 toys 23 pounds each and bought a mobile for 3200 pounds . How much money are left with omar ? Write the equation .

....

6. Find the product of 24.32 x 6.2

....

7. Find the result of 300.53 - 11.04 x 0.2 ÷ 0.01 + 13.07

....

8. write 96.123 by expanded form

....

9. write 96.123 by expanded form

....

10. Decompose 96.123

....

11. Ahmed bought 9 pens of the same type . If the price of one pen is 4.5 pounds . How much money will Ahmed pay ?

....

12. A teacher wants to distribute 280 prizes to 7 classes equally . How many prizes per each class ?

....

13. Decompose the number 80.507 using expanded form .

....

14. Adam bought a laptop for 7,250 pounds and a mobile for 4,750 pounds . If he had 15,000 pounds . How much money are left with him ?

....

15. Aliaa used 9 kg of flour in a recipe for cake . How many grams of flour did she use ?

....

16. An employee works 480 min dialy . How many hours will the employee work in 7 days ?

....

17. Seif bought 0.65 kg of mango , the price of one kilogram is 100 LE . What is the total amount that seif paid ?

....

18. A box containing 725 gm of spices was distributed equally into 10 packages . How many grams in each package ?

....

19. IF the sum of two numbers is 65.324 and one of them is 4.21 find the other one . (write equation)

....

20. when m = 53.218 and e = 64.61 . Estimate the sum of them and then write the actual sum .

....

21. Mr. Mahmoud Elkholy is planning a trip from Mansoura to Cairo . He will travel 143.995 km . Round the distance to the nearest hundredths .

....

22. Mahmoud and Esraa went on a fishing trip to lake Naser . They each caught a huge fish . Mahmoud's fish weighed 42.31 kg and the sum of them is 98.65 kg . What is the weight of Esraa's fish ? (write the equation)

....

23. Add 38.4 and 18.5 then subtract the result from 289.2 last multiply by 100 .

....

24. Divide 93 by 0.3 and then add 114.7 ,last divide the result by 5 .

....

25. subtract 3.1 from 4.62 then multiply the result b 2

....

26. find LCM and GCF for 18 and 24

....

27. Find the result of :
- 17.01 ÷ 0.7 = ...
- 74 x 63 = ...
- 56.2 x 4.2 = ...
- 452.2 + 21.456 = ...
- 783.44 – 35.1 = ...

28. Use ordering of operations to solve (45.2 – 14) ÷ 0.1 + 32.2

....

29. If the perimeter of this shape is 24.32 meters what's the value of x ?

8.3m
x
2m
9.18m

....

30. By using the area model solve :-
65 × 247 = ...

انتهت الأسئلة مع أطيب التمنيات بالنجاح والتوفيق

Answers





Question 01 choose the correct answer

1. The place value of 8 in the number 85.324 is ....
   - (a) tenths
   - (b) <u>tens</u>
   - (c) hundreds
   - (d) ones
2. The value of 7 in the number 254.375 is ....
   - (a) 70
   - (b) <u>0.07</u>
   - (c) 0.007
   - (d) hundredths
3. The number of thousandths in 0.23 is ....thousandths
   - (a) 0
   - (b) <u>230</u>
   - (c) 0.23
   - (d) 2.3
4. 1,232 ÷ 12 = 102 R ....
   - (a) 12
   - (b) <u>8</u>
   - (c) 18
   - (d) 2
5. The only even prime number is ....
   - (a) <u>2</u>
   - (b) 0
   - (c) 3
   - (d) 10
6. The smallest odd prime number is ....
   - (a) 0
   - (b) 1
   - (c) 2
   - (d) <u>3</u>
7. h + 5.2 = 9.1 , then h = ...
   - (a) 14.3
   - (b) <u>3.9</u>
   - (c) 4.1
   - (d) 4
8. 426.54 - d = 123.5 , then d = ...
   - (a) <u>303.04</u>
   - (b) 550.04
   - (c) 303
   - (d) 550
9. 500 g = ...kg
   - (a) 500,000
   - (b) 5,000
   - (c) <u>0.5</u>
   - (d) 50
10. 8.5 Liters = ...ml
    - (a) 85,000
    - (b) <u>8,500</u>
    - (c) 850
    - (d) 0.85
11. 6.4 L – 1,200 ml = ...
    - (a) <u>5,200</u>
    - (b) 520
    - (c) 56
    - (d) 5,600
12. ....x 0.01 = 4.12
    - (a) 0.0412
    - (b) <u>412</u>
    - (c) 4,120
    - (d) 4.12
13. 42.96 ÷ 0.1 = ...
    - (a) <u>429.6</u>
    - (b) 4.296
    - (c) 4296
    - (d) 0.4296

14. 65.7 x 1,000 = ...

ⓐ 457,000 ⓑ <u>65,700</u> ⓒ 657 ⓓ 0.657

15. 13.13 ÷ 0.13 = ...

ⓐ 11 ⓑ 130 ⓒ <u>101</u> ⓓ 0.1313

16. 0.6 x 0.4 = ...

ⓐ 24 ⓑ <u>0.24</u> ⓒ 2.4 ⓓ 0.2

17. 30 days = ...weeks, ...days

ⓐ 4 weeks, 28 days ⓑ 4 weeks, 8 days
ⓒ <u>4 weeks, 2 days</u> ⓓ 28 weeks, 2 days

18. The third number of the pattern which start with 5 and its rule is (n - 2) x 3 is ....

ⓐ 9 ⓑ <u>21</u> ⓒ 5 ⓓ 15

19. The second step in 5.6 x 2 - 0.75 + 6.2 is ....

ⓐ 5.6 x 2 ⓑ 2 - 0.75 ⓒ <u>11.2 - 0.75</u> ⓓ 0.75 + 6.2

20. In 4 , 5.5 , 7 , 8.5 , 10 ,the rule is ....

ⓐ n +1 ⓑ n - 1.5 ⓒ <u>n + 1.5</u> ⓓ n - 1

21. 45 - 2.1 x 4.1 + 32 = ...

ⓐ <u>68.39</u> ⓑ 207.89 ⓒ 6.839 ⓓ 20.789

22. ....is an expression .

ⓐ 45.1 + 3 = 48.1 ⓒ 3.2 + 15 = 18.2
ⓑ <u>2.6 + 6.3 x 2 - 3.2</u> ⓓ 25.2 - 5 = 20

23. 5 + m - 3.2 . This called ....

ⓐ equation ⓑ <u>expression</u> ⓒ multiplication ⓓ division

24. Any number dividing by zero equal ....

ⓐ 0 ⓑ 1 ⓒ itself ⓓ <u>undefined</u>

25. The benchmark of 0.85 is ....

ⓐ 0 ⓑ <u>1</u> ⓒ 0.5 ⓓ 10

26. The number whose prime factors 2 , 2 , 3 is ....

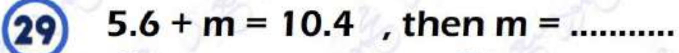
ⓐ 2 ⓑ 3 ⓒ 4 ⓓ <u>12</u>

27. Add the number 6 to the multiplicative identity . The result is ....

ⓐ 6 ⓑ <u>7</u> ⓒ 5 ⓓ 1

28. Subtract the multiplicative identity from 6.3 . The result is ....

ⓐ <u>5.3</u> ⓑ 5 ⓒ 7.3 ⓓ 7



29. 5.6 + m = 10.4 , then m = ...
    (a) 10.4 + 5.6 (b) 16 (c) **10.4 - 5.6** (d) 30
30. k - 3.21 = 5 , then k = ...
    (a) 5 - 3.21 (b) **5 + 3.21** (c) 2 (d) 1.23
31. 450 ÷ 10 = ...
    (a) 45 tens (b) 450 tens (c) 450 (d) **45**
32. 1,000 ÷ 100 = ...
    (a) **10** (b) 1 (c) 100 (d) 1000
33. Any number dividing by 1 equal ....
    (a) 0 (b) 1 (c) **itself** (d) undefined
34. Any number dividing by itself equal ....
    (a) 0 (b) **1** (c) itself (d) undefined
35. 654 ÷ .... = 654
    (a) 10 (b) 100 (c) **1** (d) 0
36. 0 ÷ 1.45 = ...
    (a) 1.45 (b) **0** (c) 1 (d) undefined
37. 32.1 ÷ 0 = ...
    (a) 0 (b) 1 (c) 32.1 (d) **undefined**
38. The place value of 7 in the number 254.375 is ....
    (a) tens (b) thousands (c) thousandths (d) **hundredths**
39. Any number multiplying by one equal ....
    (a) 0 (b) 1 (c) **itself** (d) undefined
40. 10 = double of ....
    (a) 10 (b) 20 (c) **5** (d) 0
41. 100 = half of ....
    (a) 50 (b) **200** (c) 100 (d) 1
42. 60 is twice ....
    (a) **30** (b) 60 (c) 120 (d) 10
43. There are ....millilitres in 2.02 litters
    (a) 202,000 (b) 202 (c) **2020** (d) 2
44. There are ....meters in 57.357 km
    (a) **57,357** (b) 0.57357 (c) 5,735.7 (d) 57.357
45. 4 thousandths x 3 = ...
    (a) **0.012** (b) 12 (c) 12,000 (d) 1.3

46. 6 + c = 2.1 is called ....
ⓐ equation ⓑ expression ⓒ multiplication ⓓ division

47. Any number multiplied by zero equal ....
ⓐ 0 ⓑ 1 ⓒ itself ⓓ undefined

48. The value of the digit 4 in the number 3.514 is ....
ⓐ 40,000 ⓑ 400 ⓒ 0.4 ⓓ 0.004

49. The value of the variable x in the equation x + 3.5 = 8 is ....
ⓐ 3.5 ⓑ 5.4 ⓒ 4.5 ⓓ 5.5

50. All the following numbers are prime numbers except ....
ⓐ 2 ⓑ 5 ⓒ 7 ⓓ 9

51. The number ....is the common multiple of all numbers .
ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

52. 18.58 = ...round to the nearest whole number .
ⓐ 59 ⓑ 19 ⓒ 18 ⓓ 18.6

53. 20 + 0.07 + 0.008 = ...
ⓐ 20.078 ⓑ 20.78 ⓒ 20.708 ⓓ 20.807

54. (4 x 85) + (2 x 85) = ...x 85
ⓐ 24 ⓑ 42 ⓒ 8 ⓓ 6

55. Five ones , forty seven thousandths = ...
ⓐ 57.4 ⓑ 5740 ⓒ 5.47 ⓓ 5.047

56. The number ....is one of the multiples of the digit 6 .
ⓐ 16 ⓑ 26 ⓒ 24 ⓓ 106

57. The prime factors of 12 are ....
ⓐ 2,2,3 ⓑ 2,3,3 ⓒ 6,2 ⓓ 4,3

58. The number ....is the common factor of all numbers .
ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

59. The value of the variable x in the equation x - 2.5 = 4 is ....
ⓐ 1.5 ⓑ 6.5 ⓒ 5.6 ⓓ 5.1

60. The composite number in the following numbers is ....
ⓐ 7 ⓑ 13 ⓒ 15 ⓓ 5

61. The smallest 2-digit prime number is ....
ⓐ 13 ⓑ 2 ⓒ 3 ⓓ 11

62. The smallest 2 different digit prime number is ....
ⓐ 3 ⓑ 2 ⓒ 13 ⓓ 17

63. The GCF of 3 and 7 is ....
ⓐ 3 ⓑ 7 ⓒ 21 ⓓ 10

Question 02 complete

1. 0.008 km = ...8.........m
2. 38 x 52 = (30 x 50) + (30 x ....2....) + (8 x ....50.....) + (8 x 2)
3. ....0.004.....÷ 0.01 = 0.4
4. 63 hundredths x 5 = ...3.15.....
5. The common multiple of all numbers is ....0.......
6. 654 x 100 = ...65,400....
7. The prime factors of 14 are ....2,7..........
8. Quotient x divisor + remainder = ...dividend........
9. 2.6 + 6.3 x 2 - 3.2 = ...12........
10. 11.11 ÷ 11 = ...1.01.......
11. The factors of 18 are ......1,2,3,6,9,18.......
12. The remainder must be less than the ....divisor...........
13. 11 has ....2.......factors
14. The product of 13.5 x 2.2 = ...29.7.....
15. The multiplicative identity is ....1.........
16. 1,000 g= ....1.......kg
17. The place value of 4 in the number 85.324 is ......thousandths..........
18. ....1,25,5......are the factors of 25
19. The smallest prime number is ......2........
20. 6.2 - m = 3 , then m = ...3.2........
21. 0.4 x 0.3 = ...0.12....
22. 3.7 + 1.54 = ...5.24......
23. 2.321 x 0.001 = ...2,321.........
24. 21.6 ÷ 2 =.......10.8 ......
25. 4 x 43 = (4 x 3) + (4 x ....40....)
26. The value of 4 in the number 85.324 is ....0.004.........
27. 4 hundredths - 12 thousandths = ...52..........thousandths
28. The additive identity is ....0..........
29. 5 thousandths + 73 hundredths = ...735..... Thousandths

30. The number of factors of 18 is ....6.........
31. The sum of 3.127 + 8.65 = ...11.777........
32. The number whose prime factors 2 , 2 , 3 , 3 is ....36............
33. 18 kg = ...18,000........ g
34. The fourth number of the pattern which start with 4 and its rule is (2n + 3) is ....53.........
35. in 37 ÷ 6 = 6 R 1 , the dividend is ....37...........
36. Complete by using the following area model

	50	8
40	2,000	320
2	100	16

58 × 42 = (40 × .....50..) + (40 × 8) + (....2.. × 50) + (2 × ..8...) = ...2,436....

37. There are ...42,100...... grams in 42.1 kg
38. 78 x ...0.1......= 7.8
39. In the equation 24 ÷ 4 = 6 the remainder is ......0.....
40. 62.62 ÷ 0.62 = ...101...........
41. 6.2 x 0.001 = ...0.0062......
42. ....9,847........x 0.01 = 98.47
43. 0.32 x 12 = ...3.84.....
44. 5.6 x 2 - 0.75 + 6.2 = ...10.65.............
45. 0.0045 x ...10,000...... = 45
46. The first operation in 45 - 2.1 x 4.1 + 32 is ......2.1 x 4.1........
47. The prime factors of 18 are ....2,3,3........
48. Prime numbers has ....2......factors
49. Add the number 6 to the additive identity . The result is ......6........
50. The number of hundredths in 0.23 is .....23.......hundredths
51. ......1...... Is not composit nor prime .
52. 8.2 - 2.6 = ...5.6......
53. 53.21 ÷ 1 = ...53.21......
54. There are .....14,000........milliliters in 14 litters
55. 4 hundredths - 12 thousandths = ...0.052..........
56. The number whose all prime factors are 3,2,2 is ...12....
57. The GCF of 8 and 12 is .....4.........
58. The quotient of 6.66 ÷ 6 = ...1.11......
59. (300 + 60 + 1) x 5 = ...361...... x 5

60. The quotient in 480 ÷ 48 = 10 is ....10............
61. The product of 899 x 11 is closer to the product of......900...x....10.....
62. 54 x 0.001 = ...0.054.....
63. 0.23 x 6 = ...1.33......
64. 632.2 x ......0.01....... = 6.322
65. 3.7 ÷ 0.1 = ...37.....
66. Twenty two and twenty two hundredths is ....22.22.........
67. 0.2 x 31.2 = ...6.24.....
68. 3,000 ÷ 100 = ...30.......
69. 0.2546 x 1,000 = ...254.6.....
70. 1,000 x ...0.0521...... = 52.1
71. complete the area model and find the answer
(40 × 40) + (40 × 8) + (9 × 40) + (9 × 8) = ...2,242......

	40	8
40	1,600	320
9	360	72

Question 03 Answer the following questions

1. Eyad has 6.72 m of wire . If he decided to cut it into 16 pieces . What is the length of each pieces ?

6.72 ÷ 16 = 0.42 m

2. Sandy drink 5.24 liters of juice weekly . If the cost of 1 liter of juice is 16.2 LE . Find what sandy pays ?

5.24 x 16.2 = 84.888 LE

3. Hana was 10 years old , her sister Yara was half her age . How old will Yara be when Hana is 12 years old ?

10 ÷ 2 + 2 = 7 years

4. Retal bought 4 books for 20 pounds each and bought 6 pens for 65 pounds . If she had 300 pounds . How much money are left ? Write the equation .

300 - (4 x 20 + 65) = 155 pounds

5. Omar had 5000 pounds. If he bought 6 toys 23 pounds each and bought a mobile for 3200 pounds . How much money are left with omar ? Write the equation .

5,000 - (6 x 23 + 3200) = 1,662 pounds

6. Find the product of 24.32 x 6.2

150.784

7. Find the result of 300.53 - 11.04 x 0.2 ÷ 0.01 + 13.07

= 300.53 - 2.208 ÷ 0.01 + 13.07

= 300.53 - 220.8 + 13.07 = 79.73 + 13.07 = 92.8

8. write 96.123 by expanded form

90 + 6 + 0.1 + 0.02 + 0.003

9. write 96.123 by expanded form

ninety six and one hundred twenty three thousandths

10. Decompose 96.123

(9 x 10) + (6 x 1) + (1 x 0.1) + (2 x 0.01) + (3 x 0.001)

11. Ahmed bought 9 pens of the same type . If the price of one pen is 4.5 pounds . How much money will Ahmed pay ?

9 x 4.5 = 40.5 pounds

12. A teacher wants to distribute 280 prizes to 7 classes equally . How many prizes per each class ?

280 ÷ 7 = 40 prizes

13. Decompose the number 80.507 using expanded form .

80 + 0.5 + 0.007

14. Adam bought a laptop for 7,250 pounds and a mobile for 4,750 pounds . If he had 15,000 pounds . How much money are left with him ?

15,000 - (4,750 + 7,250) = 3,000 pounds

15. Aliaa used 9 kg of flour in a recipe for cake . How many grams of flour did she use ?

9 kg = 9 x 1,000 = 9,000 grams

16. An employee works 480 min dialy . How many hours will the employee work in 7 days ?

480 ÷ 60 = 8 hours - 8 × 7 = 56 hours

17. Seif bought 0.65 kg of mango , the price of one kilogram is 100 LE . What is the total amount that seif paid ?

0.65 x 100 = 65 LE

18. A box containing 725 gm of spices was distributed equally into 10 packages . How many grams in each package ?

725 ÷ 10 = 72.5 gm

19. IF the sum of two numbers is 65.324 and one of them is 4.21 find the other one . (write equation)

x + 4.21 = 65.324 ///// x = 65.324 - 4.21 ///// x = 61.114




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(20) when m = 53.218 and e = 64.61 . Estimate the sum of them and then write the actual sum .

the estimate = 53 + 65 = 118 /////// the actual sum = 53.218 + 64.61 = 117.828

(21) Mr. Mahmoud Elkholy is planning a trip from Mansoura to Cairo . He will travel 143.995 km . Round the distance to the nearest hundredths .

143.995 = 114 km

(22) Mahmoud and Esraa went on a fishing trip to lake Naser . They each caught a huge fish . Mahmoud's fish weighed 42.31 kg and the sum of them is 98.65 kg . What is the weight of Esraa's fish ? (write the equation)

42.31 + e = 98.65 ///// e = 98.65 - 42.31 ///// e = 56.34 kg

(23) Add 38.4 and 18.5 then subtract the result from 289.2 last multiply by 100 .

(289.2 - (38.4 + 18.5)) × 100

= (289.2 - 56.9) × 100

= 232.3 × 100 = 23,230

(24) Divide 93 by 0.3 and then add 114.7 ,last divide the result by 5 .

= (93 ÷ 0.3 + 114.7) ÷ 5

= (310 + 114.7) ÷ 5

= 424.7 ÷ 5 = 84.94

(25) subtract 3.1 from 4.62 then multiply the result b 2

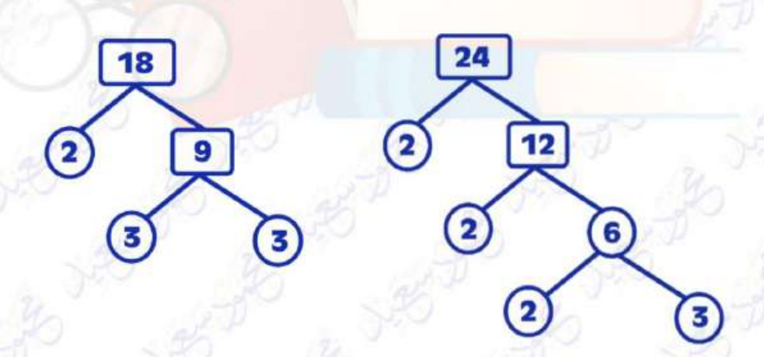
(4.62 - 3.1) × 2

1.52 × 2 = 3.04

(26) find LCM and GCF for 18 and 24

18 = 2 × 3 × 3

24 = 2 × 3 × 2 × 2



LCM = 2 × 3 × 3 × 2 × 2 = 72

GCF = 2 × 3 = 6

(27) Find the result of :

- 17.01 ÷ 0.7 = ...24.3......
- 74 x 63 = ...4,662........
- 56.2 x 4.2 = ...236.04......
- 452.2 + 21.456 = ...473.656.....
- 783.44 – 35.1 = ...748.34.....



28 Use ordering of operations to solve $(45.2 - 14) \div 0.1 + 32.2$

344.2

29 If the perimeter of this shape is 24.32 meters what's the value of x ?

$X = 24.32 - (9.18 + 8.3 + 2) = 4.84$ m

8.3m
x
2m
9.18m

30 By using the area model solve :-

$65 \times 247 =$ ....16055...........

	200	40	7
60	12000	2400	420
5	1000	200	35

تم بحمد الله

بسم الله الرحمن الرحيم " إِنَّ الَّذِينَ آمَنُوا وَعَمِلُوا الصَّالِحَاتِ إِنَّا لَا نُضِيعُ أَجْرَ مَنْ أَحْسَنَ عَمَلًا " صدق الله العظيم

حمل الآن

مجانا وحصريا

المراجعة رقم (4)

الترم الاول





Unit 1

Choose the correct answer

1) The value of the digit 5 in the number 3.514 is ______

A. 50,000 B. 500 C. 0.5 D. 0.005

2) The value of the digit 7 in the number 5.167 is ______

A. 0.7 B. 0.07 C. 700 D. 0.007

3) The value of the digit 8 in the decimal number 734.28 is ______

A. 0.08 B. 0.8 C. 8 D. 0.008

4) The value of the digit 4 in the number 98.764 is ______

A. $\frac{4}{10}$ B. $\frac{4}{1,000}$ C. 0.04 D. 4,000

5) The value of 5 in the number 3.256 is ______

A. $\frac{5}{10}$ B. $\frac{5}{100}$ C. $\frac{5}{1,000}$ D. 0.5

6) The value of the digit 0 in the number 51.203 is ______

A. Hundredths B. Tenths C. Thousandths D. 0

7) The place value of the digit 6 in the number 4.65 is ______

A. Hundredths B. Tenths C. Thousandths D. Hundreds

8) The place value of 5 in the number 3.015 is ______

A. 0.005 B. Thousand C. Hundredth D. Thousandths

9) In the number 161.527 , which digit in the Hundredths place ?

A. 1 B. 2 C. 6 D. 7

10) In the number 1,425.367 , which digit is in the Thousandths place ?

A. 1 B. 7 C. 4 D. 6

Choose the correct answer

11 The place value of the underline digit 0.734 is ______

A. Tenths B. Zero C. Hundredths D. Ones

12 0.300 = ______

A. 30 Tenths B. Three hundred

C. Three tenths D. Thirty thousandths

13 Which of the following doesn't equal four hundred thousandths ?

A. 0.004 B. 0.40 C. 0.4 D. 0.400

14 2 tenths , 5 hundredths = ______

A. 0.205 B. 0.25 C. 0.025 D. 0.52

15 Which number of the following has 3 hundredths , 7 ones , 2 thousandths ?

A. 0.732 B. 3.72 C. 7.032 D. 3.702

16 5 hundred and 5 hundredths = ______

A. 500.05 B. 50.05 C. 500.500 D. 5.5

17 The number four and forty-one hundredths in standard form is ______

A. 4.41 B. 4.041 C. 410.4 D. 4.401

18 Five tens and forty-seven hundredths = ______

A. 5.47 B. 5.047 C. 50.47 D. 50.047

19 Sixty-four and sixty-four thousandths = ______

A. 46.064 B. 64.064 C. 64.64 D. 46.46

20 $5 + 10 + 0.6 + 0.07 + 0.009 =$ ______

A. 976.15 B. 15.679 C. 15.976 D. 51.679

Choose the correct answer

21. What is the standard form for : 60 + 3 + 0.5 + 0.04 ?
A. 63.54 B. 63.054 C. 63.504 D. 6.354

22. 50 + 3 + 0.08 = ______
A. 53.8 B. 35.08 C. 53.80 D. 53.08

23. 20 + 0.9 + 0.004 = ______
A. 20.094 B. 20.94 C. 2.904 D. 20.904

24. 30 + 0.04 + 0.005 = ______
A. 30.045 B. 30.45 C. 30.405 D. 30.504

25. 900 + 90 + 9 + 0.9 = ______
A. 9.999 B. 99.99 C. 999.9 D. 9,999

26. 4.208 = ______ + 0.2 + 0.008
A. 4 B. 40 C. 0.4 D. 400

27. 174.602 = 174 + ______
A. 6.02 B. 0.602 C. 602 D. 60.2

28. ______ + 534 + 0.17 = 17,534.17
A. 17 B. 170 C. 1,700 D. 17,000

29. 71 tenths = ______
A. 0.71 B. 7.1 C. 71 D. 710

30. 3,264 thousandths = ______
A. 3.264 B. 32.64 C. 326.4 D. 0.3264

Choose the correct answer

31) $\frac{469}{1,000}$ = ______

A. 4.96 B. 0.469 C. 459 D. 4.69

32) Which of the following is NOT equivalent to 42.187?

A. 40 + 2 + 0.1 + 0.87
B. 40 + 2 + 0.1 + 0.08 + 0.007
C. 42 + 0.187
D. 40 + 2 + 0.187

33) 4 Thousandths + 3 Thousandths = ______ Thousandths.

A. 70 B. 7 C. 43 D. 7.7

34) 3 Hundredths + 5 Tenths = ______ Hundredths

A. 8 B. 35 C. 53 D. 3

35) 71 Hundredths + 9 Hundredths = ______ Tenths.

A. 88 B. 80 C. 800 D. 8

36) 35 Hundredths – 2 Tenths = ______ Hundredths.

A. 15 B. 55 C. 12 D. 32

37) 7 Tenths – 63 Hundredths = ______ Hundredths.

A. 70 B. 7 C. 700 D. 7,000

38) 7 Tenths – 7 Thousandths = ______

A. 0.693 B. 0.63 C. 6.3 D. zero

39) 5 Hundredths – 24 Thousandths = ______ Thousandth[s].

A. 26 B. 82 C. 24 D. 42

Unit 1

Choose the correct answer

40. $45 + 0.5 =$ ______

A. 45.05 B. 45.5 C. 4.55 D. 0.455

41. $4.8 + 0.8 =$ ______

A. 4.88 B. 4.6 C. 5.6 D. 4.16

42. $2,892.5 + 5,137.05 =$ ______

A. 8,029.55 B. 8,029.5 C. 8.03 D. 8.029

43. $3.6 + 5.411 =$ ______

A. 5.417 B. 8.1011 C. 8.417 D. 9.011

44. $2.3 - 0.3 =$ ______

A. 2 B. 20 C. 2.33 D. 23

45. $61.3 - 24.7 =$ ______

A. 67.5 B. 34.4 C. 807 D. 36.6

46. $99.9 - 9.99 =$ ______

A. 90.09 B. 90.9 C. 89.19 D. 89.91

47. $9 - 4.653 =$ ______

A. 5.347 B. 4.347 C. 3.347 D. 5.653

48. $13.58 +$ ______ $= 17.27$

A. 3.69 B. 4.31 C. 30.85 D. 30.69

49. $9 \times$ ______ $= 900$

A. 0.01 B. 10 C. 1,000 D. 100

Choose the correct answer

Unit 1

50 5,000 not equals ____

A. $5 \times 1,000$ B. 50×100 C. 500×10 D. 500×100

51 If multiply decimal number by 10, then decimal point will move to ____

A. left B. right C. not move

52 $42.18 \times 10 =$ ____

A. 4.218 B. 421.8 C. 42.18 D. 4,218

53 $36.124 \times 100 =$ ____

A. 36.124 B. 361.24 C. 3,612.4 D. 36,124

54 $0.94 \times 100 =$ ____

A. 94 B. 9.4 C. 940 D. 0.094

55 $0.18 \times 1,000 =$ ____

A. 1.8 B. 18 C. 180 D. 1,800

56 $0.067 \times 1,000 =$ ____

A. 6.7 B. 67 C. 0.067 D. 670

57 $4.7 \times 1,000 =$ ____

A. 47 B. 470 C. 4,700 D. 0.47

58 $2.13 \times$ ____ $= 2,130$

A. 10 B. 100 C. 1,000 D. 10,000

Choose the correct answer

59) 7.6 = ______ × 0.076
A. 10 B. 100 C. 1,000 D. 1

60) 6.5 × ______ = 6,500
A. 1 B. 10 C. 100 D. 1,000

61) 9.58 × ______ = 958
A. 1 B. 10 C. 100 D. 1,000

62) 100 × ______ = 7.7
A. 0.77 B. 77 C. 770 D. 0.077

63) 65.2 ÷ 10 = ______
A. 0.652 B. 65.2 C. 6.52 D. 652

64) 5.7 ÷ 100 = ______
A. 5.7 B. 0.57 C. 0.057 D. 570

65) 253 ÷ 1,000 = ______
A. 2.53 B. 0.235 C. 0.253 D. 2,530

66) 5.31 ÷ 10 = ______
A. 500 + 30 + 1
B. 531 Thousandths
C. 531 Hundredths
D. 531 Tenths

67) 23.4 ÷ ______ = 2.34
A. 10 B. 100 C. 1,000 D. 10,000

68) 2.51 ÷ ______ = 0.0251
A. 100 B. 0.001 C. 0.01 D. 0.1

Choose the correct answer



69) $_____ \div 10 = 0.3$

A. 30 B. 3 C. 300 D. 13

70) $2.4 > _____$

A. 2.40 B. 4.2 C. 1.95 D. 3.5

71) $3.72 - 0.05 ___ 2.67$

A. $>$ B. $<$ C. $=$ D. otherwise

72) $3.2 + 4.05 \bigcirc 7.05 + \frac{1}{2}$

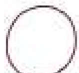
A. $<$ B. $=$ C. $>$

73) $9.32 + 7.68 ___ 20.4 - 3.2$

A. $>$ B. $<$ C. $=$ D. $\leq$

74) $3.41 + 2.59$  $3.41 - 2.59$

A. $<$ B. $=$ C. $>$

75) 2.14×10  $214 \div 10$

A. $<$ B. $=$ C. $>$

76) Which of the following is true ?

A. $0.532 > 0.537$ B. $0.1 + 3 < 1.3$ C. $1.099 > 1.1$ D. $\frac{18}{10} = 1.8$

77) Which of the following is NOT true ?

A. $14.14 > 14.014$ B. $\frac{143}{100} = 1.43$ C. $2.051 > 2.501$ D. $2.005 < 5.002$

Choose the correct answer

(78) All the following are equal except

A. 0.300 B. 0.3 C. 0.003 D. 0.30

(79) The benchmark of 0.85 is ______

A. 0.5 B. 1 C. 0 D. 85

(80) 45.9 – 20.76 estimate to ______

A. 18 B. 25 C. 31 D. 35

(81) 19.59 ≈ ______ (to the nearest whole number).

A. 19 B. 20 C. 19.5 D. 19.6

(82) 999.9 ≈ ______ (to the nearest whole number)

A. 990 B. 999 C. 1,000 D. 900

(83) Rounding 24.3 to the nearest whole number is ______

A. 23 B. 24 C. 243 D. 25

(84) 56.284 ≈ ______ (to the nearest Hundredths).

A. 56.29 B. 56.28 C. 65.82 D. 65.28

(85) 7.86 ≈ ______ (to the nearest Tenth).

A. 7.9 B. 7 C. 8 D. 8.9

(86) 42.15 ≈ ______ to the nearest one decimal place.

A. 42.1 B. 42 C. 42.2 D. 42.05

Choose the correct answer

87. $3.649 \approx$ ______ [to the nearest 2 decimal places]

A. 3.74 B. 3.65 C. 3.54 D. 4.6

88. $5.971 \approx$ ______ [to the nearest Tenths]

A. 5.97 B. 5.10 C. 5.9 D. 6

89. $39.999 \approx$ ______ [to the nearest Hundredth]

A. 39 B. 40 C. 39.9 D. 39.99

90. $2\frac{7}{1,000} \approx$ ______ [to the nearest Hundredth]

A. 2 B. 2.1 C. 2.01 D. 2.007

91. $15.6 + 3.125 \approx$ ______ [to the nearest tenths]

A. 18.7 B. 18.8 C. 18.725 D. 18.73

92. $9.734 \times 10 \approx$ ______ [to the nearest Tenths]

A. 97.34 B. 97.4 C. 10 D. 97.3

93. Rounding the number 175,329.275 to the nearest Hundred Thousands is ______

A. 100,000.275 B. 200,000 C. 275,329 D. 100,000

94. $49.386 \approx 49.4$ [to the nearest ______]

A. Ones B. Tenth C. Hundredth D. Thousandth

95. $82.497 \approx 82.50$ [to the nearest ______]

A. whole number B. Tenth C. Hundredth D. Thousandth

Choose the correct answer

96 3.8☐9 ≈ 3.85 [to the nearest Hundredths]

A. 3 B. 4 C. 5 D. 6

97 Which of the following expressions represents the model?

A. 0.23 – 0.04
B. 0.4 – 0.23
C. 0.04 – 0.023
D. 40 – 23

Complete the following

1. In 342.18 , the digit 8 is in the ________ place and its value is ________
2. The value of the digit 6 in the number 36.059 is ________
3. In 57.246 , the digit 6 represents ________
4. 3.17 read as three and seventeen ________
5. The fraction which represents 0.81 is ________
6. 16 Thousands and 16 Thousandths = ________

Complete the following

7. Fourteen and three hundred two thousandths = ________
8. Seventy-nine thousandths = ________
9. 8 tens , 4 ones , 3 tenths , 6 hundredths , 9 thousandths = ________
10. 4 hundreds , 7 hundredths , 8 thousandths = ________
11. Three million , seventeen and eighty-one thousandths = ________
12. $30 + 3{,}000 + 0.3 =$ ________
13. $2 + 0.9 + \frac{8}{100} + \frac{2}{1{,}000} =$ ________
14. $0.003 + 0.2 + 0.01 + 91{,}000 =$ ________
15. $6{,}000 + 70{,}000 + 0.2 + 4 + 0.09 + 0.005 =$ ________
16. Seventy and eight thousandths = ________ + ________
17. Sixteen and seven tenths = ________ + ________ + ________
18. 57 thousandths = 0.007 + ________
19. 15.7 tenths = 1 + ________ + 0.07
20. 1,482 hundredths = 14 + ________
21. 5 tenths = ________ hundredths.
22. 7 tenths = ________ thousandths

Complete the following

23. 2 hundredths = ________ thousandths
24. 8 Thousandths + 65 Hundredths = ________ Thousandths.
25. 73 Hundredths + 5 Thousandths = ________ Thousandths.
26. 50 Thousandths + 3 Hundredths = ________ Hundredths
27. 376 Thousandths + 524 Thousandths = ________ Tenths.
28. 5 Hundredths – 24 Thousandths = ________ Thousandths.
29. 2 Hundredths – 2 Thousandths = ________
30. 21 Hundredths + 5.4 = ________
31. $0.4 + 0.24 =$ ________
32. $12.179 + 11\frac{1}{4} =$ ________
33. $52.236 - 2.35 =$ ________
34. $100 - 47.85 =$ ________
35. $5.27 + 8.39 - 3\frac{14}{100} =$ ________

Complete the following

36. $85.47 + ______ = 100$

37. $9.3 - ______ = 8.254$

38. $______ + 54.8 = 77.59$

39. $______ - 3\frac{3}{5} = 7.634$

40. $214.024 - 113.78$ estimate ______

41. $0.951 - 0.729$ estimate ______

42. $9.47 \times 1,000 = ______$

43. $78.65 \times 10 = ______$

44. $1,000 \times ______ = 60,000$

45. $65 \times ______ = 6,500$

46. $4.321 \times ______ = 432.1$

47. $______ \times 100 = 86.2$

48. $426.3 \div 10 = ______$

49. $169.4 \div 100 = ______$

50. $129 \div 100 = ______$

51. $3,786 \div ______ = 3.786$

52. $1.248 \approx ______$ [to the nearest Tenths]

53. $3.416 \approx ______$ [to the nearest Hundredths]

54. $0.0257 \approx ______$ [to the nearest Thousandths]

55. $36.365 \approx 36.4$ [to the nearest ______]

Answer the following

1 Compare the numbers using "> , < or =".

5.65 ◯ 56.5

75.36 ◯ 75.360

12.500 ◯ 12.050

17.400 ◯ 17.4

2.007 ◯ $7\frac{2}{1,000}$

1.002 ◯ $\frac{1,002}{1,000}$

7 tenths ◯ 0.699

3 thousandths ◯ $\frac{30}{100}$

Fifteen thousandths ◯ 0.01 + 0.005

15 Hundred ◯ 15 Hundredths

$3\frac{4}{1,000}$ ◯ 3 ones , 4 hundredths

2 ones , 2 hundredths ◯ 2.2

4 + 0.4 + 0.01 + 0.003 ◯ 4.413

2 Order from greatest to smallest. 80.21 , 8.102 , 80.012 , 8.012 , 80.09

3 Order from least to greatest. 1.401 , 1.055 , 1.3 , 1.28

Answer the following

4. Write the greatest decimal less than one which consists of 6 , 4 , 3 and 5 , then round it to the nearest Tenths and Thousandths.

5. Write three decimals , if we round each of them to the nearest Hundredths becomes 15.36

6. Ola saved 17.25 pounds, and her brother saved 8.5 pounds. Find the sum they saved.

7. Eslam has 29.75 L.E. and Sameh has $15\frac{1}{2}$ L.E. How much money they have together ?

8. Ahmed catches a fish its length is 22.5 cm and Assem catches a fish its length is 13.2 cm. Find the difference between the lengths of the two fish.

9. Mona had 95.5 L.E. She spent 33.75 L.E. Find the remainder with her.

10. Mazen had 35 L.E. He bought a ball for 9.75 L.E. and a book for 8.4 L.E. **How much money was left with Mazen ?**

The Answers

Choose the correct answer:

1. C	2. D	3. A	4. B	5. B
6. D	7. B	8. D	9. B	10. B
11. D	12. C	13. A	14. B	15. C
16. A	17. A	18. C	19. B	20. B
21. A	22. D	23. D	24. A	25. C
26. A	27. B	28. D	29. B	30. A
31. B	32. A	33. B	34. C	35. D
36. A	37. B	38. A	39. A	40. B
41. C	42. A	43. D	44. A	45. D
46. D	47. B	48. A	49. D	50. D
51. B	52. B	53. C	54. A	55. C
56. B	57.C	58. C	59. 100	60. D
61. C	62. D	63. C	64. C	65. C
66. B	67. A	68. A	69. 3	70. C
71. A	72. A	73. B	74. C	75. B
76. D	77. C	78. C	79. 1	80. B
81. 20	82. C	83. 24	84. B	85. A
86. C	87. B	88. D	89. B	90. C
91. A	92. D	93. B	94. B	95. C
96. B	97. B			

The Answers

Complete the following:

1) hundredths , 0.08 2) 6 3) 6 thousandths

4) hundredths 5) $\frac{81}{100}$ 6) 16,000.016

7) 14.302 8) 0.079 9) 84.369

10) 400.078 11) 3,000,017.081 12) 3030.3

13) 2.982 14) 91,000.213 15) 76,004.295

16) 70 + 0.008 17) 10 + 6 + 0.7 18) 0.05

19) 15.7 tenths = 1.57 = 1 + 0.5 + 0.07

20) 0.82 21) 50 22) 700

23) 20 24) 658 25) 735

26) 8 27) 9 28) 26

29) 0.018 30) 5.61 31) 0.64

32) 12.179+11.25 = 23.429 33) 49.886

34) 52.15 35) 10.52 36) 14.53

37) 1.046 38) 22.79 39) 11.234

40) 214-114=100 41) 1.0 - 0.7= 0.3

42) 9470 43) 786.5 44) 60 45) 100

46) 100 47) 0.862 48) 42.63 49) 1.694

50) 1.29 51) 1000 52) 1.2 53) 3.42

54) 0.026 55) tenths

The Answers

Answer the following:

1)
5.65 < 56.5 75.36 = 75.360

12.500 > 12.050 17.400 = 17.4

2.007 < $7\frac{2}{1,000}$ 1.002 = $\frac{1,002}{1,000}$

7 tenths > 0.699 3 thousandths < $\frac{30}{100}$

Fifteen thousandths = 0.01 + 0.005

15 Hundred > 15 Hundredths

$3\frac{4}{1,000}$ < 3 ones , 4 hundredths

2 ones , 2 hundredths < 2.2

4 + 0.4 + 0.01 + 0.003 = 4.413

2) 80.21 , 80.09 , 80.012 , 8.102 , 8.012

3) 1.055 , 1.28 , 1.3 , 1.401

4) 0.6543 to the nearest tenths = 0.7

0.6543 to the nearest thousandths = 0.654

5) 15.361 , 15.362 , 15.363 , 15.364 , 15.355

6) 17.25 + 8.5 = 25.75 pounds

7) 29.75 + 15.5 = 45.25 L.E.

8) 22.5 – 13.2 = 9.3 cm

9) 95.5 – 33.75 = 61.75

10) 9.75 + 8.4 = 18.15

35 – 18.15 = 16.85 L.E.

Choose the correct answer

1. $x + 2.45 - 1.7$ is called ______

   A. equation. B. value. C. expression. D. neither.

2. Which of the following represents the equation ?

   A. $4.8 + 2.5$ B. $x - 3.14 = 5$ C. $y + 4.8$ D. $9 - b$

3. Which of the following represents an expression ?

   A. $3.1 + x = 7$ B. $2 + 5 = 7$ C. $3.6 - y = 1.4$ D. $m + 31$

4. Which of the following is an equation ?

   A. $50 + b$ B. $50 + b = 75$
   C. $3.5 + k$ D. Mai saved 30 L.E. per day

5. Which of the following is an expression ?

   A. $2.36 + X = 14.78$ B. Sara saved 20 L.E per day
   C. $13.15 + 2.8 - X$ D. $1.75 + 1.25 = 2.1 + 0.9$

6. Which of the following is not an expression ?

   A. $x + 0.8 - 1.6$ B. $3.25 + x + 5.55$ C. $3.6 - x = 1.54$ D. $2.36 + 1.5 - x$

7. Ayman wants to write an equation represents "Adding a number to 7.5 to get the result 9.8", then the equation is ______

   A. $7.5 + 9.8 = x$ B. $9.8 + x = 7.5$ C. $7.5 + x = 9.8$ D. $75 + x = 98$

8. Nagi subtracted 3.24 from a number to get 3.42, then the suitable equation is

   A. $3.42 - 3.24 = x$ B. $3.42 - x = 3.24$
   C. $x - 3.24 = 3.42$ D. $x + 3.24 = 3.42$

9. The value of (x) in the equation : $2.342 - x = 1.924$ is ______

   A. 0.814 B. 0.481 C. 0.841 D. 0.418

10. If $8.23 + p = 10.24$, then $p =$ ______

    A. 18.47 B. 2.47 C. 2.01 D. 24.1

Choose the correct answer

11. The value of variable x in the equation $x + 1.5 = 5$ is ______
A. 3.5 B. 4.5 C. 5.5 D. 6.5

12. If $k - 0.6 = 0.4$, then $k =$ ______
A. 10 B. 0.2 C. 1 D. 0.4

13. In $56.4 + x = 96$, the variable is ______
A. 56.4 B. x C. 96 D. 6.5

14. 0.9 is closer to ______
A. 0.5 B. 0.6 C. 1 D. 0.25

15. The benchmark decimal closest to 0.01 is ______
A. 0 B. 1 C. 0.5 D. 1.5

16. The benchmark decimal closest to 0.49 is ______
A. 0 B. 1 C. 0.5 D. 1.5

17. The composite number in the following numbers is ______
A. 7 B. 17 C. 15 D. 5

18. The composite number of the following is ______
A. 5 B. 2 C. 51 D. 13

19. The only even prime number is ______
A. 2 B. 3 C. 4 D. 5

20. ______ is a prime number.
A. 1 B. 3 C. 9 D. 15

21. ______ isn't a prime number.
A. 1 B. 2 C. 3 D. 5

Choose the correct answer

22. All the following are prime numbers except ______
A. 5 B. 7 C. 3 D. 6

23. All the following are prime numbers except ______
A. 1 B. 2 C. 3 D. 5

24. All the following are composite numbers except ______
A. 17 B. 25 C. 15 D. 35

25. The next prime number after 7 is ______
A. 15 B. 13 C. 11 D. 10

26. The number 11 has ______ factors.
A. 1 B. 2 C. 3 D. 4

27. The prime number where the sum of its factors is 8 is ______
A. 2 B. 3 C. 5 D. 7

28. 1 and 7 are common factors of ______
A. 2 and 7 B. 2 and 14 C. 2 and 12 D. 7 and 14

29. The common factor of all numbers is ______
A. 2 B. 3 C. 0 D. 1

30. The common multiple of all numbers is ______
A. 1 B. 2 C. 0 D. 3

31. One of the multiples of 2 is ______
A. 7 B. 8 C. 3 D. 11

32. ______ is a multiple of 3
A. 19 B. 10 C. 12 D. 25

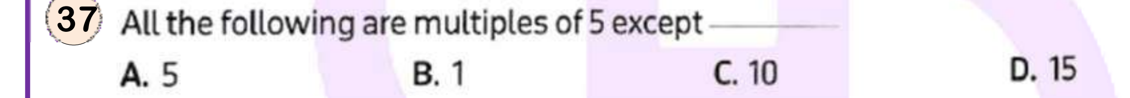
Choose the correct answer

33. The number ———— is one of multiples of the number 5
A. 38 B. 53 C. 35 D. 6

34. The number ———— is one of the multiples of the number 7
A. 12 B. 13 C. 14 D. 15

35. The number ———— is of multiples of the digit 4
A. 26 B. 27 C. 28 D. 29

36. The number ———— is one of multiples of the number 8
A. 20 B. 28 C. 32 D. 45



37. All the following are multiples of 5 except ————
A. 5 B. 1 C. 10 D. 15

38. 24 is a multiple of ————
A. 16 B. 14 C. 8 D. 9

39. 28 is one of the multiples of number ————
A. 7 B. 8 C. 5 D. 6

40. Which is common multiple of 5 and 10 ?
A. 20 B. 15 C. 35 D. 45

41. ———— is a common multiple of 9 and 6
A. 12 B. 18 C. 24 D. 27

42. 2 and 5 are prime factors for the number ————
A. 10 B. 25 C. 7 D. 52

43. 2 , 3 and 5 are all the prime factors of the number ————
A. 30 B. 235 C. 10 D. 25

Choose the correct answer

44 The number which its prime factors are 2 , 2 , 3 and 3 is ______

A. 36 B. 24 C. 12 D. 8

45 The prime factorization of 6 is ______

A. 1 × 6 B. 2 × 3 C. 5 + 1 D. 1 , 6

46 The prime factors of 12 are ______

A. 2 and 3 B. 2 , 2 and 3 C. 2 , 3 and 5 D. 2 , 3 and 4

47 The prime factors of 14 are ______

A. 1 and 14 B. 2 and 14 C. 1 and 7 D. 2 and 7

48 The prime factors of the number 18 are ______

A. 1 and 18 B. 2 , 3 and 3 C. 3 and 6 D. 2 and 9

49 The prime factors of the number 20 are ______

A. 2 , 5 and 4 B. 2 , 2 and 5 C. 3 , 2 and 10 D. 20 and 1

50 The prime factorization of 24 is ______

A. 6 × 4 B. 8 × 3 C. 3 × 2 × 2 D. 2 × 2 × 2 × 3

51 Factorize the number 30 to its prime factors is ______

A. 2 × 3 × 3 B. 5 × 5 × 2 C. 3 × 3 × 3 D. 5 × 3 × 2

52 L.C.M of 4 and 8 is ______

A. 8 B. 4 C. 2 D. 1

53 The G.C.F of the numbers 5 and 10 is ______

A. 5 B. 10 C. 15 D. 50

54 The least common multiple L.C.M for 12 and 6 is ______

A. 12 B. 10 C. 6 D. 40

55 The L.C.M of 3 and 5 is ______

A. 8 B. 15 C. 30 D. 45

Choose the correct answer

56 The L.C.M of 5 and 6 is ______

A. 20 B. 24 C. 30 D. 40

57 The L.C.M of 3 and 7 is ______

A. 1 B. 21 C. 37 D. 73

58 The G.C.F of the numbers 2 and 5

A. 5 B. 10 C. 1 D. 50

59 The G.C.F of 10 and 15 is ______

A. 10 B. 15 C. 5 D. 50

60 .L.C.M of 10 and 15 is ______

A. 30 B. 15 C. 5 D. 10

61 L.C.M of 6 and 10 is ______

A. 61 B. 30 C. 15 D. 45

62 The greatest common factor (G.C.F) of 10 and 12 = ______

A. 10 B. 12 C. 60 D. 2

63 The smallest prime number. ◯ The common factor for all numbers.

A. < B. = C. >

64 The smallest prime number. ◯ The smallest prime odd number

A. < B. = C. >

Complete the following

1. The variable in the equation $x + 5 = 9$ is ________
2. 1 is not prime number because ________
3. The prime number has ________ factors.
4. ________ is the common factor for all numbers.
5. The number ________ is a common multiple of all numbers.
6. The number in which its factors are one and itself is ________ number.
7. ________ is the only even prime number.
8. The smallest prime odd number is ________
9. The number 11 has ________ factors.
10. The number 9 has ________ factors.
11. 17 has ________ factors only.
12. The first four multiples of 5 are ________ , ________ , ________ and ________
13. The L.C.M of 3 and 6 is ________
14. The G.C.F of 8 and 4 is ________
15. The L.C.M of 7 and 21 is ________
16. G.C.F of 6 and 12 is ________
17. The L.C.M of the two numbers 3 and 5 is ________

Complete the following

18. The G.C.F of 2 and 3 is ....

19. .... and .... are prime factors of 6

20. The prime factors of 14 are .... and ....

21. A number whose prime factors are 2 , 2 and 5 is ....

22. The number whose all prime factors are 2 , 3 and 5 is ....

23. The number whose all prime factors are 2 , 2 and 3 is ....

24. The number whose all prime factors are 2 , 3 and 3 is ....

25. The number whose all prime factors are 2 , 5 and 7 is ....

26. The number whose prime factors are 2 , 2 , 3 and 5 is ....

27. Estimate : $4.9 + 57.2 =$ .... (Using front end strategy)

28. If $2.56 + x = 3.8$, then $x =$

29. If $m - 7.02 = 3.2$, then $m =$

30. The value of (F) in equation : $10.94 - F = 9.04$ is ....

31. The value of D in the opposite bar model is ....

D	
4.2	3.25

32. By using the bar model

3.72	
x	1.5

, the value of x is ....

Answer the following

1. Find the value of each variable in the following part-to-whole bar models.

a.

87.415	
m	29.125

____

b.

h	
41.126	25.123

____

2. Solve the following equations [create a bar model to solve each problem].

a. $x - 3.4 = 1.34$

b. $8.76 = 3.53 + y$

3. A class contains 60 pupils , 34 from them are boys , write the equation to find the number of girls.

4. If the sum of two numbers is 50.1 and the smallest number of them is 5.999 **What is the greatest one ?**

5. The weight of Noha is 35.275 kg and the weight of Hala is 42.012 kg What is their weight together ?

6. Petra walked from home to her school a distance 1.23 km , then she walked from her school to her grandmother home a distance 1.737 km.
What is the total distance did Petra cover ?

7. Two numbers , the prime factors of the first are 2 , 2 , 5 and 5 and the prime factors of the second are 2 , 2 , 5 and 7.

a. The first number = __________

b. The second number = __________

c. Their G.C.F = __________

d. Their L.C.M = __________

Answer the following

8 Use the prime factorization to find the L.C.M

10 , 12 and 15

10 = ____________

12 = ____________

15 = ____________

L.C.M = __________

9 Mona waters one of her plants every 4 days and another plant every 6 days. If she waters both plants today.

When is the next time both plants will be watered on the same day ?

10 Two clocks are turned on in the same time. One clock chimes every 15 minutes. The other clock chimes every 25 minutes. In how many minutes will they chime together ? Do you have to find the G.C.F or the L.C.M ? What is the answer ?

11 Giovanni has 18 oranges and 12 bananas . He wants to make fruit baskets with the same number of each fruit in each basket. What is the greatest number of fruit baskets he can make ? Do you have to find the G.C.F or the L.C.M ? What is the answer ?

12 Find G.C.F and L.C.M of the following.

a. 9 and 15.

b. 12 and 10

c. 12 and 18.

d. 18 and 24

e. 20 and 30

f. 20 and 24

g. 24 and 9

h. 14 and 35

i. 28 and 42

j. 60 and 45

The Answers

Choose the correct answer:

1. C	2. B	3. D	4.B	5. C
6. C	7. C	8. C	9. D	10. C
11. A	12.C	13. B	14. C	15. A
16. C	17. C	18. C	19. A	20. B
21. A	22. D	23. A	24. A	25. C
26. B	27. D	28. D	29.D	30.C
31. B	32. C	33.C	35.C	36.C
37. B	38.C	39.A	40. A	41. B
42. A	43.A	44.A	45. B	46. B
47. D	48. B	49. B	50. D	51. D
52. A	53. A	54. A	55. B	56.C
57. B	58. C	59. C	60. A	61.B
62. D	63. C	64. A		

Complete the following:

1) X
2) It has one factor
3) 2
4) 1
5) 0
6) prime
7) 2
8) 3
9) 2
10) 3
11) 2
12) 0,5,10,15
13) 6
14) 4
15) 21
16) 6
17) 15
18) 1
19) 2 and 3

The Answers

Complete the following:

20) 2 and 7
21) 20
22) 30
23) 12
24) 18
25) 70
26) 60
27) 4+50 = 54
28) 1.24
29) 10.22
30)1.9
31) 7.45
32) 2.22

Answer the following:

1) m= 58.290 h= 66.249

2) a.

x	
3.4	1.34

X = 4.74

b.

8.76	
y	3.53

y= 5.23

3) x + 34 = 60 x = 60 -34 = 26 girls

4) 5.999 + x = 50.1 x = 50.1 -5.999 = 44.101

5) 35.275 + 42.012 = 77.287

6) 1.23 + 1.737 = 2.967

7) a. 100 b. 140 c. 20 d. 700

8) 10 = 2 x 5

12 = 2 x 2 x 3

15 = 5 x 3

L.C.M = 2 X 5 X 2 X 3 = 60

The Answers

9) L.C.M of 4 and 6 = 12 after the 12 days

10) L.C.M OF 15 and 25 = 75 after 75 min

11) G.C.F of 18 and 12 = 36 36 baskets

12)

	G.C.F	L.C.M
a.	G.C.F = 3	L.C.M = 45
b.	G.C.F = 2	L.C.M = 60
c.	G.C.F = 6	L.C.M = 36
d.	G.C.F = 6	L.C.M = 72
e.	G.C.F = 10	L.C.M = 60
f.	G.C.F = 4	L.C.M = 120
g.	G.C.F = 3	L.C.M = 72
h.	G.C.F = 7	L.C.M = 70
i.	G.C.F = 14	L.C.M = 84
j.	G.C.F = 15	L.C.M = 180

Unit 3

Choose the correct answer

1. What is the ones digit in the product of 34×123?

   A. 2 B. 3 C. 6 D. 8

2. What is the ones digit in the product of 36×123?

   A. 8 B. 6 C. 3 D. 2

3. $54 \times a = 18 \times 54$, then $a =$

   A. 972 B. 54 C. 18 D. 3

4. If $5 \times V = 45$, then $V =$ ______

   A. 5 B. 9 C. 30 D. 1

5. $4 \times 354 = (4 \times 300) + (4 \times 50) + ($ ______ $)$

   A. 4×4 B. 4×40 C. 4×400 D. 40×40

6. $85 \times 69 = (80 \times 60) + (80 \times 9) + (5 \times 9) + ($ ______ $)$

   A. 5×6 B. 5×60 C. 50×6 D. 50×60

7. $75 \times 43 = (70 \times 40) + (70 \times 3) + (5 \times 40) + (5 \times$ ______ $)$

   A. 70 B. 40 C. 5 D. 3

8. $(78 \times 72) = (70 \times 78) + ($ ______ $\times 78)$

   A. 70 B. 2 C. 8 D. 7

9. $(200 + 30 + 3) \times (30 + 5) =$ ______

   A. 223×35 B. 233×35 C. 233×53 D. 233×8

10. $(100 + 70 + 6) \times (20 + 9) =$ ______

    A. 176×209 B. 176×29 C. 176×92 D. 176×902

Choose the correct answer

11) $(100 + 100 + 70 + 4) \times (6 + 80) =$ ______
A. 174×86 B. 174×68 C. 274×86 D. 274×68

12) $[40 \times 32] + [2 \times 32] =$ ______ $\times 32$
A. 24 B. 42 C. 8 D. 6

13) $(3 \times 61) + (5 \times 61) =$ ______ $\times 61$
A. 53 B. 35 C. 8 D. 6

14) $(6 \times 85) + (2 \times 85) =$ ______ $\times 85$
A. 24 B. 42 C. 8 D. 6

15) $53 \times$ ______ $= (53 \times 4) + (53 \times 6)$
A. 4 B. 6 C. 8 D. 10

16) $74 \times$ ______ $= (74 \times 5) + (74 \times 3)$
A. 8 B. 15 C. 47 D. 74

17) $(11 \times 3) + (11 \times 20) + (11 \times 100) = 11 \times$ ______
A. 123 B. 321 C. 213 D. 210

18) $[80 \times 10] + [80 \times 5] + [3 \times 10] + [3 \times 5] =$ ______
A. 85×13 B. 83×15 C. 83×51 D. 38×51

19) ______ $= (50 \times 600) + (50 \times 30) + (50 \times 1) + (3 \times 600) + (3 \times 30) + (3 \times 1)$
A. 536×51 B. 635×31 C. 631×53 D. 651×35

20) If $496 = 4 \times (A) + 9 \times (B) + 6$, then $A + B =$ ______
A. 100 B. 10 C. 110 D. 490

Choose the correct answer

21. Which distributive products can be used to solve 83×15?

A. $(8 \times 1) + (8 \times 5) + (3 \times 1) + (3 \times 5)$
B. $(80 \times 10) \times (80 \times 5) \times (3 \times 10) \times (3 \times 5)$
C. $(80 \times 10) + (80 \times 5) + (3 \times 10) + (3 \times 5)$
D. $(80 \times 1) + (80 \times 5) + (3 \times 10) + (3 \times 5)$

22. $24 \times 136 =$ ______

A. $(20 \times 100) + (20 \times 3) + (20 \times 6) + (4 \times 100) + (4 \times 30) + (4 \times 6)$
B. $(20 \times 100) + (20 \times 30) + (20 \times 6) + (4 \times 100) + (4 \times 30) + (4 \times 6)$
C. $(4 \times 1) + (4 \times 3) + (4 \times 6) + (2 \times 1) + (2 \times 3) + (2 \times 6)$
D. $(2 \times 100) + (2 \times 30) + (2 \times 6) + (4 \times 100) + (4 \times 30) + (4 \times 6)$

23. $73 \times 24 =$ ______

A. $(70 \times 40) + (70 \times 2) + (3 \times 40) + (3 \times 2)$
B. $(70 \times 10) + (70 \times 10) + (70 \times 4) + (3 \times 10) + (3 \times 10) + (3 \times 4)$
C. $(70 \times 20) + (70 \times 20) + (3 \times 20) + (3 \times 20)$
D. $(7 \times 20) + (7 \times 4) + (30 \times 20) + (30 \times 4)$

24. $2 \times$ ______ $= 2,000$

A. 10 B. 100 C. 1,000 D. 10,000

25. $29 \times$ ______ $= 2,900$

A. 10 B. 100 C. 1,000 D. 10,000

26. ______ $\times 1,000 = 270,000$

A. 72 B. 27 C. 270 D. 720

27. $20 \times 50 =$ ______

A. 100 B. 1,000 C. 2,500 D. 25

Choose the correct answer

28) $110 \times 40 =$ ______

A. 44 B. 440 C. 4,400 D. 44,000

29) 3 Hundreds × 7 Hundreds = ______ Hundreds.

A. 210,000 B. 2,100 C. 21,000 D. 21

30) $160 \times 15 =$ ______

A. 24 Thousands B. 24 Hundreds C. 24 Tens D. 24 Hundredths

31) $320 \times 15 =$ ______

A. 48 B. 48 tens C. 48 hundreds D. 48 thousands

32) $25 \times 32 =$ ______ Hundreds.

A. 8 B. 80 C. 800 D. 8,000

33) $24 \times 15 =$ ______ Tens

A. 360 B. 36 C. 3.6 D. 3,600

34) The product of 237×25 is closer to ______

A. 5,000 B. 6,000 C. 7,000 D. 8,000

35) 876×72 is near close to ______

A. 56,000 B. 5,600 C. 63,000 D. 72,000

36) The product of 372×52 is close to ______

A. 20,000 B. 15,000 C. 7,000 D. 10,000

37) 49×523 is closer to ______

A. 2,500 B. 25,000 C. 20,000 D. 2,000

Unit 3

Choose the correct answer

38. The product of 193 × 19 is near close to ______
A. 4,000 B. 40 C. 400 D. 40,000

39. Estimate the product of 971 × 23 is ______
A. 20,000 B. 8,000 C. 2,000 D. 20

40. Use front end estimation to estimate 42 × 69 = ______
A. 2,400 B. 2,800 C. 3,200 D. 3,600

41. 243 × 14 ◯ 324 × 14
A. < B. = C. >

42. 327 × 53 ◯ 199 × 43
A. > B. < C. =

43. 16 × 15 ◯ 20 × 13
A. > B. = C. <

44. What is the unknown value in the area of 27 × 43 ?
A. 6 B. 60
C. 12 D. 120

×	40	3
20	800	?
7	280	21

45. What is the unknown value in the area model of 35 × 475 ?
A. 430 B. 1,200
C. 12,000 D. 120

	400	70	5
30	?	2,100	150
5	2,000	350	25

46. What is the unknown value in the area model of 53 × 795 ?
A. 4,500 B. 3,500
C. 35 D. 35,000

	700	90	5
50	?	4,500	250
3	2,100	270	15

Choose the correct answer

Unit 3

47) The multiplication problem which expresses the opposite area model is ______

	60	5
40	2,400	200
3	180	15

A. 46×35 B. 56×34
C. 65×43 D. 43×605

48) The missing number in the product is ______

$$\begin{array}{r} 723 \\ \times \quad 14 \\ \hline ____ \\ +\,7,230 \\ \hline 10,122 \end{array}$$

A. 2,882
B. 10,122
C. 2,892
D. 2,880

49) 3,496 = ______
A. 152×23 B. 152×32 C. 215×23 D. 215×32

50) 5,508 = ______
A. 54×342 B. 36×153 C. 61×281 D. 32×372

51) $1,001 \times 25 =$ ______
A. 2,525 B. 25,025 C. 250,025 D. 5,225

52) $15 \times 21 =$ ______
A. 135 B. 513 C. 315 D. 3,015

53) $38 \times 564 =$ ______
A. 20,532 B. 21,433 C. 21,432 D. 20,332

54) Mona bought 31 boxes of juice for 25 L.E. each. She paid = ______ L.E.
A. 757 B. 775 C. 577 D. 7,750

Choose the correct answer

55 A merchant bought 136 boxes of juice for 25 L.E. each. How much money did he pay?

A. 3,400 L.E. B. 3,170 L.E. C. 3,200 L.E. D. 3,236 L.E.

56. Hany runs 110 minutes every day. What is the number of running minutes in 15 days?

A. 1,065 B. 1,605 C. 1,560 D. 1,650

57 A shoes costs 400 L.E., which is 4 times as much as a shirt costs, then a shirt cost = ______ L.E.

A. 500 B. 396 C. 300 D. 100

Complete the following

1. $(9 \times 27) = (9 \times$ ______ $) + (9 \times 7)$

2. $7 \times 74 = (7 \times 4) + (7 \times$ ______ $)$

3. $567 \times 3 = (500 \times 3) + ($ ______ $\times 3) + (60 \times 3)$

4. $17 \times 509 = (10 + 7) \times ($ ______ $+ 9)$

5. $26 \times 3 = (20 \times$ ______ $) + ($ ______ $\times 3) = 60 + 18$

6. $15 \times 46 = [10 \times$ ______ $] + [10 \times 6] + [5 \times 40] + [$ ______ $\times 6]$

7. $234 \times 57 = (200 \times 50) + (200 \times 7) + (30 \times 50) + (30 \times$ ______ $) + (4 \times 50) + (4 \times 7)$

8. $43 \times 26 = (3 \times 6) + (3 \times 20) + (40 \times 6) + (40 \times$ ______ $)$

Complete the following

9. $(6 \times 87) + (2 \times 87) =$ ______ $\times 87$

10. $(3 \times 200) + (3 \times 50) + (3 \times 7) = 3 \times$ ______

11. $78 \times$ ______ $= (3 \times 8) + (20 \times 8) + (3 \times 70) + (20 \times 70)$

12. $(70 \times 30) + (70 \times 5) + (4 \times 30) + (4 \times 5) =$ ______ $\times$ ______

13. $253 \times$ ______ $= (70 \times 200) + (70 \times 50) + (70 \times 3) + (4 \times 200) + (4 \times 50) + (4 \times 3)$

14. $(3 \times 5) + (40 \times 5) + (3 \times 90) + (40 \times 90) =$ ______ $\times 95$

15. The Ones digit of the product of $2,786 \times 84$ will be ______

16. The ones digit of the product of $3,594 \times 93$ will be ______

17. The product of 899×11 is closer to the product of ______ $\times$ ______

18. The product of 799×12 is closer to the product of ______ $\times$ ______

19. If $4 \times m = 16$, then the value of $m =$ ______

20. If $a \times 5 = 50$, then $a =$ ______

21. $n \times 123 = 0$ $\quad$ $n =$ ______

22. $34 \times$ ______ $= 3,400$

23. $15 \times$ ______ $= 15,000$

24. ______ $\times 1,000 = 340,000$

Complete the following

25. ______ × 9 = 900,000

26. 70,000 = 7 × ______

27. 1,000 × ______ = 150,000

28. 5 × ______ = 20,000

29. 130 × 30 = ______

30. 120 × 40 = ______

31. 4,231 × 3 = ______

32. 21 × 64 = ______

33. Sara bought 36 books for 100 L.E. each. She paid = ______

34.

	40	7
10	______	______
3	______	______

35.

```
   7,585
×     73
--------
  22,755
  ______
--------
  ______
```

Answer the following

1. Solve the problem using an area model $42 \times 51 =$ ______

2. Use the distributive property of multiplication to find the product of 47×35

3. Youssef saves 87 L.E. every month. Find the total sum of money which he will save in 10 weeks.

4. Yousef bought 100 pens of the same type. The price of each pen is 17 pounds. How much money Yousef paid ?

5. A factory produces 4,550 toys every month. Another factory produces 7,350 toys every month. Find the difference between their product in ten months.

6. Doaa saved five times which Walaa saved. If Doaa saved 35 L.E. , find the money which Walaa saved.

7. 8 friends everyone has 122 pounds. Find the total amount of money.

8. Youssef walk every day 5 km, if he walk 154 days in the year. How many kilometers did he walk ?

9. Ashraf runs 14 hours every week.
   What is the number of running hours in 25 weeks ?

10. Ahmed has 300 pounds to spend on new clothes. If he bought 12 pair of socks for 18 pounds a pair. **How much money will he have left to spend ?**

11. Marwa saved 125 pounds , Ahmed saved 11 times as Marwa , Mariam saved 9 times as Marwa. How much money they saved ?

Answer the following

12. In one year , a factory used 13,250 meters of cotton , 6,850 fewer meters of silk than cotton , and 1,500 fewer meters of wool than silk.

How many meters of fabric were used in all ?

13. **Use the following area models to write the distribution equation.**

a.

	100	20	7
5	500	100	35

b.

	30	6
20	600	120
2	60	12

The Answers

Choose the correct answer:

1. A	2. A	3. C	4. B	5 . A
6. B	7. D	8. B	9. B	10. B
11. C	12. B	13. C	14. C	15. D
16. A	17. A	18. B	19. C	20. C
21. C	22. B	23. B	24. C	25. B
26. C	27. B	28. C	29. B	30. B
31. C	32. A	33. B	34. B	35. C
36. A	37. B	38. A	39. A	40. A
41. A	42. A	43. C	44. B	45. C
46. D	47. C	48. C	49. A	50. B
51. B	52. C	53. C	54. B	55. A
56. D	57. D			

Complete the following:

1) 20	2) 70	3) 7	4) 500
5) 3 , 6	6) 40,5	7) 7	8) 20
9) 8	10) 257	11) 23	12) 74 X 35
13) 74	14) 43	15) 4	16) 2
17) 900 X 10	18) 800 X 10	19) 4	20) 10
21) 0	22) 100	23) 1000	24) 340

The Answers

Complete the following:

25) 100,000
26) 10,000
27) 150
28) 4000
29) 3900
30) 4800
31) 12,693
32)1464
33) 3600 L.E.
34) 400,70,120,21
35) 530,950 , 553,705

Answer the following:

1) 42X51 = 2142

	50	1
40	2000	40
2	100	2

2) 47 X 35 = (40 X 30) + (40 X 5) + (7 X 30) + (7 X 5)

= 1200 + 200 + 210 + 35 = 1645

3) 87 X 10 = 870 L.E.

4) 100 X 17 = 1700 pounds

5) F 1 = 4550 x 10 = 45500 F2 = 7350 x 10 = 73500

The difference = 73,500 – 45,500 = 28,000 toys

The Answers

6) 35 = 5 x 7   Walaa saved 7 L.E.

7) 122 X 8 = 976 pounds

8) 154 X 5 = 770 KM

9) 14 X 25 = 350 hours

10) 12 x 18 = 216 pounds

The left = 300 – 216 = 84 pounds

11) Marwa = 125 pounds

Ahmed = 125 x 11 =1375 pounds

Mariam = 125 x 9 = 1125 pounds

The total = 125 + 1375+ 1125 = 2625 pounds

12) cotton = 13,250 m

Silk = 13250 – 6850 = 6400 m

Wool = 6400 – 1500 = 4900 m

All = 13250 + 6400 + 4900 = 24,550 m

13) a. (5 x 100) + (5 x 20) + (5 x 7) = 500 + 100 + 35 = 635

b . (20 x 30) + (20 x 6) + (2 x 30) + (2 x 6)

= 600 + 120 + 60 + 12 = 792

شرح خطوات الحل على قناة اليوتيوب


Math For Kids: Hoda Ismail

Unit 4

Choose the correct answer

1. In the equation $36 \div 4 = 9$, the quotient is ______

A. 36 B. 4 C. 9 D. zero

2. In $30 \div 7 = 4$ R 2, the divisor is ______

A. 30 B. 7 C. 4 D. 2

3. The dividend in the equation $36 \div 4 = 9$ is ______

A. 36 B. 4 C. 9 D. zero

4. In the equation $666 \div 19 = 35$ R1, the remainder is ______

A. 666 B. 19 C. 35 D. 1

5. The quotient in the equation $48 \div 6 = 8$ is ______

A. 48 B. 6 C. 8 D. 0

6. If $215 \div 43 = 5$, then the divisor is ______

A. 5 B. 43 C. 34 D. 215

7. In the division equation $4{,}235 \div 35 = 121$, the dividend is ______

A. 4,236 B. 35 C. 121 D. 1

8. $44 \div 7 = 6$ and remainder ______

A. 1 B. 2 C. 3 D. 4

9. In the equation $24 \div 4 = 6$, the remainder is ______

A. 1 B. 2 C. 0 D. 4

10. $29 \div 4 = 7$ R ______

A. 0 B. 1 C. 2 D. 3

Choose the correct answer

11) The remainder in the equation $36 \div 9 = 4$ is ______

A. 36 B. 9 C. 4 D. zero

12) The division equation that matches $113 \times 24 = 2{,}712$ is ______

A. $113 \div 24 = 2{,}712$ B. $113 \div 2{,}712 = 24$ C. $24 \div 2{,}712 = 113$ D. $2{,}712 \div 24 = 113$

13) The division equation that matches $125 \times 36 = 4{,}500$ is ______

A. $4{,}500 - 125 = 36$ B. $125 \div 36 = 4{,}500$ C. $4{,}500 \div 36 = 125$ D. $125 + 36 = 4{,}500$

14) If $3{,}768 \div 24 = 157$, then $24 \times 157 =$ ______

A. 3,768 B. 3,769 C. 3,770 D. 3,767

15) If $3{,}012 \div 12 = 251$, then $251 \times 12 =$ ______

A. 3,013 B. 3,012 C. 3,014 D. 3,015

16) If $125 \times 5 = 625$, then $626 \div 5 = 125$ R ______

A. 3 B. 1 C. 5 D. 2

17) If $26 \times 352 = 9{,}152$, then $9{,}155 \div 26 =$ ______

A. 352 B. 352 R 1 C. 352 R 2 D. 352 R 3

18) If $35 \times 121 = 4{,}235$ then $4{,}236 \div 35 =$ ______

A. 121 B. 121 R1 C. 121 R2 D. 121 R3

19) If $14 \times 365 = 5{,}110$, then $5{,}111 \div 14 =$ ______

A. 365 R11 B. 365 C. 365 R1 D. 365 R15

20) If $51 \times 23 = 1{,}173$, then $1{,}180 \div 23 = 51$ R ______

A. 4 B. 5 C. 6 D. 7

Choose the correct answer

21. If $3,321 \div 27 = 123$, then $3,323 \div 27 =$ ______

A. 123 B. 123 R 1 C. 123 R 2 D. 123 R 3

22. Quotient × divisor + remainder = ______

A. divisor B. quotient C. remainder D. dividend

23. Which expression can be used to check the solution of the following division problem? $8,668 \div 24 = 361$ R 4

A. 24×361 B. $28 \times 8,668$ C. $361 \times 4 + 24$ D. $24 \times 361 + 4$

24. If $840 \div 24 = 35$, then $35 \times 24 + 5 =$ ______

A. 840 B. 850 C. 845 D. 485

25. If $7,785 \div 31 = 251$ R 4 , then $31 \times 251 =$ ______

A. 7,784 B. 7,782 C. 7,781 D. 7,783

26. If $7,785 \div 31 = 251$ R 4, then $31 \times 251 + 3 =$ ______

A. 7,786 B. 7,785 C. 7,784 D. 7,783

27. $4,150 \div 29 = 143$ R ______

A. 4 B. 2 C. 1 D. 3

28. $328 \div 18 = 18$ R ______

A. 2 B. 5 C. 6 D. 4

29. $3,330 \div 32 = 104$ R ______

A. 2 B. 3 C. 4 D. 5

30. $3,681 \div 35 = 105$ R ______

A. 3 B. 4 C. 5 D. 6

Choose the correct answer

Unit 4

31) $5,262 \div 57 = 92$ R ______

A. 18 B. 57 C. 92 D. 0

32) $2,215 \div 15 = 147$ R ______

A. 15 B. 10 C. 5 D. 0

33) $123 \div 123 =$ ______

A. 1 B. 2 C. 3 D. 4

34) $643 \div$ ______ $= 643$

A. 0 B. 1 C. 10 D. 100

35) zero $\div 235 =$ ______

A. 0 B. 1 C. 2 D. 23

36) $36 \div$ ______ $= 9$

A. 4 B. 5 C. 3 D. 6

37) ______ $\div 4 = 80$

A. 20 B. 320 C. 480 D. 800

38) $120 \div 12 =$ ______

A. 10 B. 20 C. 12 D. 21

39) $1,500 \div 50 =$ ______

A. 3 B. 30 C. 300 D. 3,000

40) 325 is divisible by ______

A. 5 B. 3 C. 2 D. 9

Choose the correct answer

41. $36 \div 9$ ◯ $36 \div 5$
   A. > B. < C. =

42. $1,515 \div 15 =$ ______
   A. 11 B. 101 C. 1,001 D. 15

43. $2,323 \div 23 =$ ______
   A. 11 B. 11.1 C. 1.1 D. 101

44. $4,444 \div 44 =$ ______
   A. 11 B. 101 C. 110 D. 1,001

45. $2,002 \div 22 =$ ______
   A. 19 B. 91 C. 109 D. 901

46. $4,224 \div 12 =$ ______
   A. 235 B. 352 C. 532 D. 32

47. Quotient of $7,668 \div 54$ is ______
   A. 142 B. 124 C. 214 D. 241

48. $8,283 \div 33 =$ ______
   A. 25 B. 215 C. 512 D. 251

49. $1,376 \div 43 =$ ______
   A. 43 B. 23 C. 32 D. 320

50. $6,293 \div 31 =$ ______
   A. 203 R1 B. 302 C. 203 D. 302 R1

Unit 4

Choose the correct answer

51 In the opposite area model, which choice best represents the problem?

A. $3,159 \div 13 = 2403$

B. $3,159 \div 13 = 243$

C. $3,159 \div 13 = 234$

D. $3,159 \div 13 = 342$

	200	40	3
13	3,159 −2,600 559	559 −520 39	39 −39 00

52 In the opposite area model, which choice best represents the problem?

A. $1,740 \div 15 = 1,151$

C. $1,740 \div 15 = 116$

B. $1,740 \div 15 = 100 + 151$

D. $1,740 \div 51 = 116$

	100	10	5	1
15	1,740 − 1,500 240	240 − 150 90	90 − 75 15	15 − 15 00

53 In the opposite area model, which choice best represents the problem?

A. $2,835 \div 21 = 100,305$

B. $2,835 \div 21 = 180$

C. $2,835 \div 21 = 135$

D. $2,835 \div 12 = 135$

	100	10	10	10	5
21	2,835 −2,100 735	735 −210 525	525 −210 315	315 −210 105	105 −105 0

54 Which area model best represents $2,583 \div 21$?

A.

	100	20	3
21	2,583 − 2,100 483	483 − 420 63	63 − 63 00

B.

	100	10	3
21	2,583 − 2,100 483	483 − 210 263	263 − 263 000

C.

	100	10	42
21	2,583 − 2,100 483	483 − 420 63	63 − 63 00

D.

	100	20	6
21	2,583 − 2,100 483	483 − 420 63	63 − 63 00

Unit 4

Choose the correct answer

55 Using the opposite area model to divide 1,530 ÷ X, then the value of X is ______

	100	2
X	1,530 1,500 30	30 – 30 00

A. 1,530 B. 102
C. 30 D. 15

56 In the opposite area model of division, the value of × is ______

	200	x	7
34	7,378 –6,800 578	578 –340 238	238 –238 000

A. 1 B. 10
C. 100 D. 1,000

57 Using the opposite area model to divide 3,084 ÷ 12, then the value of X is ______

	100	100	X	7
12	3,084 – 1,200 1,884	1,884 – 1,200 684	684 – 600 84	84 – 84 00

A. 100 B. 50
C. 10 D. 5

58 What is the value of M in the opposite division problem?

$$17 \overline{)3,978} = M$$

A. 324 B. 342 C. 234 D. 432

59 A man bought 12 toys for 288 L.E., then the price of each toy is ______ L.E.

A. 300 B. 24 C. 276 D. 42

60 A car its length 196 cm, a factory design a car sample its length 4 cm. How many times the car longer than the car sample?

A. 47 B. 48 C. 49 D. 94

Complete the following

1. If $676 \div 52 = 13$, then the dividend is ______
2. The quotient in $480 \div 10 = 48$ is ______
3. If $30 \div 5 = 6$, then 5 is called ______
4. In the division equation $29 \div 3 = 9$ R 2, the remainder is ______
5. The quotient of $54 \div 5 = 10$, then the remainder is ______
6. $34 \div 4 = 8$ R ______
7. $30 \div 4 = 7$ R ______
8. $64 \div 6 = 10$ R ______
9. The remainder of divided 17 by 5 is ______
10. If $735 \div 21 = 35$, then $35 \times 21 =$ ______
11. If $125 \times 5 = 625$, then $626 \div 5 = 125$ R ______
12. If $13 \times 257 = 3,341$, then $3,344 \div 13 = 257$ R ______
13. If $650 \div 25 = 26$, then $26 \times 25 + 5 =$ ______
14. Quotient × divisor + remainder = ______
15. $0 \div 51,362 =$ ______

Complete the following

16. $3,561 \div 1 =$ ________

17. $2,761 \div 2,761 =$ ________

18. $120 \div 20 =$ ________

19. $150 \div 30 =$ ________

20. $1,313 \div 13 =$ ________

21. If the price of 15 books is 315 pounds , then the price of each book equals ________ pounds.

22. The quotient in opposite area model is ________

	60	4
35	2,240 – 2,100	140 – 140
	140	000

23. The quotient in the opposite area model is ________

25	1,825 –1,750 75	75 –75 00

Answer the following

1. Use the area model strategy to solve

   a. $1,035 \div 9$ b. $3,813 \div 31$ c. $6,203 \div 11$

2. using the standard algorithm to Divide

   a. $25 \overline{)3,075}$ b. $57 \overline{)5,262}$

3. If 18 plums are divided equally into 3 bags , then how many plums will be in each bag ?

4. A man paid 15 pounds to buy three pens. Find the price of each pen.

5. A father wants to distribute 210 L.E. among his three children. How much money did each child get ?

6. A teacher wants to distribute 280 prizes to 7 classes equally. How many prizes per each class ?

7. Hossam has 28 cans. He wants to divide it equally on 7 tables. How many cans will be on each table ?

8. There were 29 girls and 27 boys in a class. The teacher asked them to work in groups of 8 How many groups there were ?



Answer the following

9. Distribute 3,600 L.E. between 9 persons equally.
   How much every one take ?

10. If 120 pens are pocked each 12 to a bag , then how many bags will be there ?

11. If the price of 12 books is 480 pounds , then find the price of each book.

12. A baker made 135 serving of baklava for a party. If each baking tray holds 11 servings of baklava , how many trays will be needed to hold all the baklava ?

13. A school with 779 students , distributed equally into 19 classes.
    Find the number of students in each class ?

14. A charity wants to distribute 3,125 pounds into 25 persons equally.
    What's the share of each person ?

15. If 165 passengers travels to cairo by private cars, if the number of passengers in each car is 11 passengers , what is the number of cars to transport all the passengers ?

The Answers

Choose the correct answer:

1. C	2. B	3. A	4. D	5. C
6. B	7. A	8. B	9. C	10. B
11. D	12. D	13. C	14. A	15. B
16. B	17. D	18. B	19. C	20. D
21. C	22. D	23. D	24. C	25. C
26. C	27. D	28. D	29. A	30. D
31. A	32. D	33. A	34. 1	35. A
36. A	37. B	38. A	39. B	40. A
41. B	42. B	43. D	44. B	45. B
46. B	47. A	48. D	49. C	50. C
51. B	52. C	53. C	54. A	55. D
56. B	57. B	58. C	59. B	60. C

Complete the following:

1) 676	2) 48	3) divisor	4) 2
5) 4	6) 2	7) 2	8) 4
9) 2	10) 735	11) 0	12) 3
13) 655	14) dividend	15) 0	16) 3561
17) 1	18) 6	19) 5	20) 101
21) 21	22) 64	23) 73	



The Answers

Answer the following:

1) a. 115 b. 123 c. 563 R 10

2) a. 123 b. 92 R 18

3) 18 ÷ 3 = 6 plums

4) 15 ÷ 3 = 5 pounds

5) 210 ÷ 3 = 70 L.E.

6) 280 ÷ 7 = 40 prizes

7) 28 ÷ 7 = 4 cans

8) 29 + 27 = 56 56 ÷ 8 = 7 groups

9) 3600 ÷ 9 = 400 L.E.

10) 120 ÷ 12 = 10 bags

11) 480 ÷ 12 = 40 L.E.

12) 135 ÷ 11 = 12 R 3 we needs 13 trays

13) 779 ÷ 19 = 41 students

14) 3125 ÷ 25 = 125 pounds

15) 165 ÷ 11 = 15 cars

شرح خطوات الحل على قناة اليوتيوب



Math For Kids: Hoda Ismail

Units 5&6

Choose the correct answer

1. $100 \times 5.2 =$ ______

   A. 5.20 B. 520 C. 0.52 D. 52

2. $57.3 \times 0.1 =$ ______

   A. 0.573 B. 5.73 C. 573 D. 5,730

3. $3.25 \times 0.1 =$ ______

   A. 325 B. 32.5 C. 3.25 D. 0.325

4. $85.3 \times 0.01 =$ ______

   A. 853 B. 8.53 C. 8,530 D. 0.853

5. $3.45 \times 0.001 =$ ______

   A. 0.0345 B. 0.345 C. 345 D. 0.00345

6. $58.675 \times 0.10 =$ ______

   A. 58.675 B. 5.8675 C. 586.75 D. 60

7. $76.5 \times \frac{1}{10} =$ ______

   A. 765 B. 7.65 C. 0.765 D. 76.05

8. $85.3 \div \frac{1}{100} =$ ______

   A. 8,530 B. 8.53 C. 0.853 D. 85,300

9. One hundredth of the number 76.93 = ______

   A. $76.93 \div 0.01$ B. $76.93 \div 100$ C. 769.3 D. 7,693

10. $0.01 \times 0.1 =$ ______

   A. $\frac{1}{10}$ B. $\frac{1}{100}$ C. $\frac{1}{1{,}000}$ D. 1

Units 5&6

Choose the correct answer

11. ______ $\times$ 0.1 = 5.36

A. 0.536 B. 536 C. 53.6 D. 5.3600

12. ______ $\times$ 0.01 = 4.12

A. 412 B. 4,120 C. 41,200 D. 0.412

13. 14 $\times$ ______ = 1.4

A. 10 B. 100 C. 0.1 D. 0.01

14. 6.3 is 100 times as ______

A. 0.63 B. 63 C. 0.063 D. 630

15. 4.231 $\times$ 100 ☐ 4,231 $\times$ 0.1

A. $<$ B. $>$ C. =

16. 85.2 $\times$ 0.01 ☐ 0.0852 $\times$ 10

A. $>$ B. $<$ C. =

17. 0.007 $\times$ 1,000 ☐ 70,000 $\times$ 0.001

A. $<$ B. $>$ C. =

18. 4.25 ☐ 2.2 $\div$ 0.1

A. = B. $<$ C. $>$

19. 4.25 $\times$ 0.1 = ______

A. 4.25 $\times$ 100 B. 42.5 C. 4.25 $\div$ 10 D. 0.0425

20. 0.27 $\div$ 0.01 = ______

A. 2.7 B. 270 C. 27 D. 0.027

Units 5&6

Choose the correct answer

21. 3.3 m = ______ cm
A. 3,300 B. 330 C. 33,000 D. 33

22. 50 km = ______ m.
A. 500 B. 5,000 C. 50,000 D. 500,000

23. 95 millimeters = ______ cm
A. 9.5 B. 0.95 C. 0.0095 D. 0.095

24. 17.93 kg = ______ g.
A. 179.3 B. 1.793 C. 17,930 D. 179,300

25. 7.5 kg = ______ g
A. 75 B. 750 C. 7,500 D. 75,000

26. 0.725 kg = ______ g
A. 725 B. 7,250 C. 72.5 D. 7.25

27. 19,625 gram = ______ kg
A. 196.25 B. 19.625 C. 1,962.5 D. 1.9625

28. 700 g = ______ kg
A. 0.7 B. 7 C. 0.07 D. 0.007

29. 67 g = ______ kg
A. 67,000 B. 670 C. 6,700 D. 0.067

30. There are ______ L in 41,000 mL
A. 410 B. 41 C. 410,000 D. 4

Units 5&6

Choose the correct answer

31. 3,465 mL = ______ L.
A. 3.465 B. 34.65 C. 346.5 D. 3,465

32. 3,200 mL = ______ L
A. 320 B. 32 C. 3.2 D. 0.32

33. 36.2 mL = ______ L
A. 36,200 C. 0.0362 D. 362

34. 3 liters = ______ millilitres.
A. 30 B. 300 C. 3,000 D. 3

35. 0.48 Liter = ______ mL
A. 0.048 B. 4.8 C. 48 D. 480

36. 2.5 L = ______ mL
A. 2,500 B. 250 C. 25 D. 0.25

37. 7.5 L – 1,500 mL = ______ L
A. 6 B. 60 C. 600 D. 6,000

38. 14.12 kg – 100 g = ______ kg
A. 14.012 B. 1.412 C. 14.02 D. 141.2

39. $\frac{1}{4}$ kg = ______ g
A. 250 B. 500 C. 125 D. 1

40. $2\frac{1}{2}$ days = ______ hours.
A. 50 B. 60 C. 24 D. 48

Units 5&6

Choose the correct answer

41. 20 pounds = ________ piasters.

A. 20 B. 200 C. 2,000 D. 2

42. Height of a building of ten floors where the height of each floor 280 cm is ________ m

A. 2,800 B. 280 C. 28 D. 2.8

43. The decimal point in the product of 0.01×0.1 is after ________ decimal places.

A. 1 B. 2 C. 3 D. 4

44. By using the fact $143 \times 6 = 858$, $1.43 \times 0.6 =$ ________

A. 8,580 B. 85.8 C. 8.58 D. 0.858

45. If $9 \times 4 = 36$, then $0.090 \times 0.4 =$ ________

A. 36 B. 3.6 C. 0.36 D. 0.036

46. $0.5 \times 0.5 =$ ________

A. 25 B. 2.5 C. 0.25 D. 0.025

47. $0.4 \times 0.2 =$ ________

A. 8 B. 0.8 C. 0.08 D. 0.008

48. $0.6 \times 0.5 =$ ________

A. 30 B. 3 C. 0.3 D. 0.65

49. $0.2 \times 1.12 =$ ________

A. 224 B. 22.4 C. 2.24 D. 0.224

50. $4.1 \times 1.1 =$ ________

A. 45.1 B. 451 C. 0.451 D. 4.51

Units 5&6

Choose the correct answer

51. 0.15 × 39.8 ☐ 1.5 × 0.398

A. > B. < C. =

52. 7.18 × 3.5 ______ 71.8 × 0.35

A. > B. < C. =

53. 3.21 × 0.9 ≈ ______ [to the nearest Tenths]

A. 2.889 B. 2.8 C. 2.9 D. 2.89

54. 8.43 × 0.2 ≈ ______ [to the nearest Hundredths]

A. 1.686 B. 1.7 C. 1.69 D. 2

55. 3 × 5 Hundredths = ______

A. 1.5 B. 0.15 C. 15 D. 0.015

56. 5 Thousandths × 4 = ______

A. 0.02 B. 0.2 C. 2 D. 20

57. 3 Hundredths × 3 = ______

A. 9 Hundreds B. 9 Hundredths C. 0.90 D. 9

58. 3 tenths × 4 tenths = ______

A. 12 tenths B. 12 hundredths C. 12 thousandths D. 12 ones

59. 2.6 ÷ 2 = ______

A. 1.2 B. 1.3 C. 1.4 D. 0.13

60. 45.5 ÷ 5 = ______

A. 0.91 B. 9.1 C. 91 D. 910

Choose the correct answer

61 $3.2 \div 4 =$ ______

A. 0.4 B. 0.6 C. 1.4 D. 0.8

62 $30.24 \div 3.6 =$ ______

A. $3.024 \div 36$ B. $302.4 \div 36$ C. $302.4 \div 3.6$ D. $3,024 \div 36$

63 $1.5 \div 0.3 =$ ______

A. 5 B. 0.5 C. 0.05 D. 0.005

64 $50.5 \div 0.5 =$ ______

A. 1.01 B. 101 C. 11 D. 1.1

65 $0.35 \div 0.5 =$ ______

A. 7 B. 0.007 C. 0.07 D. 0.7

66 $2 \div 0.4 =$ ______

A. 2 B. 10 C. 5 D. 8

67 $3.6 \div 0.04 =$ ______

A. 0.9 B. 90 C. 0.09 D. 0.009

68 $80 \div 0.08 =$ ______

A. 10 B. 100 C. 1,000 D. 8,000

69 $462.3 \div 0.23$ ☐ $4,623 \div 2.3$

A. > B. < C. =

70 30 days ≈ ______ weeks. (to the nearest week)

A. 3 B. 4 C. 5 D. 6

Choose the correct answer

71 $1.1 \div 1.3 \approx$ ______ [to the nearest Tenth]

A. 0.8 B. 0.9 C. 0.84 D. 0.85

72 $8.3 \div 3 \approx$ ______ [to the nearest Hundredth]

A. 2.7 B. 2.77 C. 2.8 D. 2.766

73 If the area model of a problem is

	2	0.3
3	x	0.9
0.8	1.6	y

, then $x + y =$ ______

A. 6,240 B. 7.4 C. 6.24 D. 624

74 The first step in evaluating $28.1 - 3.5 \times 0.2 + 29 - 4$?

A. $28.1 - 3.5$ B. 3.5×0.2 C. $0.2 + 29$ D. $29 - 4$

75 The second step to evaluate the expression : $9.3 \times 0.1 + 4.7 - 1.1$ is ______

A. 9.3×0.1 B. 9.3×4.8 C. $0.93 + 4.7$ D. $0.93 + 1.1$

76 The first operation to solve $983 - 16 \div 8 + 11 \times 10$ is ______

A. Add. B. Subtract. C. Multiply. D. divide.

77 $83 + 45 \div 9 - 5 =$ ______

A. 23 B. 32 C. 80 D. 83

78 $6 + 2.4 \times 10 =$ ______

A. 84 B. 0.84 C. 20 D. 30

79 $36 \div 9 + 0.6 =$ ______

A. 4.6 B. 6.4 C. 10 D. 46

80 $4.5 \times 2 - 4.2 + 2.8 =$ ______

A. 2 B. 7.6 C. 9 D. 6.7

Choose the correct answer

81. $(7.5 - 4) \times 0.1 =$ ______
    A. 3.5 B. 35 C. 350 D. 0.35

82. $12 =$ ______
    A. $54 \div (3 + 6 \times 2)$ B. $(54 \div 3) + (6 \times 2)$ C. $54 \div (3 + 6) \times 2$ D. $54 \div ((3 + 6) \times 2)$

83. The next number in the pattern : 5 , 8 , 11 , 14 , ... is ______
    A. 15 B. 16 C. 17 D. 11

84. 16 , 8 , 4 , ______ (in the same pattern)
    A. 4 B. 1 C. 2 D. 8

85. The following number in the pattern : 0 , 1 , 1 , 2 , 3 , 5 , 8 , 13 , ... is ______
    A. 21 B. 12 C. 20 D. 22

86. The next number in the pattern : 5 , 6.5 , 8 , 9.5 , ... is ______
    A. 10 B. 10.5 C. 11 D. 11.5

87. The rule of the pattern : 2 , 5 , 8 , 11 , ... is ______.
    A. $n + 2$ B. $n + 3$ C. $n \times 3$ D. $n \times 3 - 1$

88. The pattern rule of : 35 , 31 , 27 , 23 , ... is ______
    A. $n - 2$ B. $n + 4$ C. $n \times 4$ D. $n - 4$

89. The rule of the pattern : 2 , 6 , 18 , 54 , ... is ______
    A. $n \times 2$ B. $n + 4$ C. $n \times 3$ D. $n \div 2$

90. The rule of the pattern : 100 , 50 , 25 , 12.5 , ... is ______
    A. $n \div 2$ B. $n \times 2$ C. $n - 50$ D. $n - 25$

91. The rule of the pattern : 1 , 2 , 5 , 14 , ... , is ______
    A. $n + 1$ B. $n \times 2 - 1$ C. $n \times 3 - 1$ D. $n \times 2 + 1$

Units 5&6

Choose the correct answer

92 The missing number in the opposite pattern is ______

input	output
4	9
5	11
6	13
7	....
8	17

A. 12 B. 15
C. 21 D. 28

93 In the following table, the rule of the pattern is ______

Input	Output
3	4.5
4	6
5	7.5
6	9

A. $n + 1.5$
B. $n \times 2$
C. $n + 2$
D. $n \times 1.5$

94 If the input is 45, and the rule is "$n \div 5$", then the output is ______

A. 6 B. 40 C. 9 D. 50

95 Subtract 4.1 from 6, then divide the result by 2 = ______

A. $6 - 4.1 \div 2$ B. $(6 - 4.1) \div 2$ C. $10.1 \div 2$ D. $6 - (4.1 \div 2)$

96 Which expression matches the clue "Add 30 to 25 and divide the result by 0.5"

A. $30 + 25 \div 0.5$ B. $0.5 \times (30 + 25)$ C. $(30 + 25) \div 0.5$. D. $30 \div 0.5 + 25$

97 Which expression matches the clue "Giovanni bought 60 fish. He put 5 fish in 9 bowles each". How many fish are left with Giovanni ?

A. $(60 - 5) \times 9$ B. $(60 - 9) \times 5$ C. $60 + 5 \times 9$ D. $60 - 5 \times 9$

Units 5&6

Complete the following

1. $0 \div 31.564 =$ ______
2. $4.651 \div 1 =$ ______
3. $0.576 \times 100 =$ ______
4. $89.36 \div 100 = 89.36 \times$ ______
5. $360 \times 0.1 =$ ______
6. $14.14 \times 0.1 =$ ______
7. $81 \times 0.1 =$ ______
8. $123 \times 0.01 =$ ______
9. $513.2 \div 0.01 =$ ______
10. $4.321 \times$ ______ $= 432.1$
11. $3,257 \div$ ______ $= 32.57$
12. $0.39 \times$ ______ $= 0.039$
13. $0.75 \div$ ______ $= 750$
14. ______ $\times 0.01 = 5.324$
15. ______ $\div 0.01 = 327$
16. ______ $\div 100 = 14.652$
17. The number that if divided by 10 , the result is 96 is ______
18. 142 cm = 142 ÷ ______ = ______ m.
19. 145 cm = 145 × ______ = ______ m.
20. 7.355 km = ______ m
21. 36 cm = ______ m
22. 4.5 kg = ______ g
23. 15.4 grams = ______ kg
24. 2,000 g = ______ kg
25. 250 mL = ______ L
26. 6 cm and 5 mm = ______ cm
27. 15.6 kg + 1,800 g = ______ kg.

Complete the following

28. If $326 \times 7 = 2,282$, then $0.326 \times 7 =$ ______

29. If $19 \times 4 = 76$, then $1.9 \times 0.4 =$ ______

30. The product of : 0.3×0.4 is equal to ______

31. The product of $12.4 \times 0.3 =$ ______

32. The product of $14.5 \times 12 =$ ______

33. $12.34 \times 0.5 \approx$ ______ (to the nearest tenths)

34. $0.2 \times 0.3 =$ ______

35. $0.25 \times 4 =$ ______

36. The operation in the opposite area model is ______ × ______

	5	0.6
4	20	2.4
0.2	1.0	0.12

37. By using the opposite area model find :
m + n = ______

	2	0.7
m	6	2.1
0.4	0.8	n

38. $1.2 \div 0.4 =$ ______

39. $6.2 \div 0.62 =$ ______

Complete the following

40. $84.24 \div 2 =$ ______

41. $245 \div 0.7 =$ ______

42. $11.11 \div 11 =$ ______

43. $8.8 \div 3.2 =$ ______

44. In the pattern : 1 , 2 , 4 , 8 , 16 , ______ the rule is ______

45. In the pattern : 25 , 30 , 35 , 40 , ... , the rule is : ______

46. 6 , 12 , 18 , ______ (in the same pattern).

47. 48 , 24 , 12 , ______ , ______ Rule : ______

48. 7.7 , 6.6 , 5.5 , 4.4 , ______ (in the same pattern).

49. 1.3 , 1.7 , 2.1 , 2.5 , ______ , 3.3 (in the same pattern)

50. 1.5 , 3 , 4.5 , 6 , ______ (in the same pattern)

51. In the rule n + 4 , the input is 7 , then the output is ______

52. The first operation to evaluate the expression :
$(9.4 - 3.4) \div 2 + 55 \times 10$ is ______

53. Evaluate the expression : $9.3 + (0.427 \times 100) =$ ______

54. $1.6 \div 0.1 - 50 \times 0.1 =$ ______

Answer the following

1 Compare the numbers using ">, < or =".

a. The value of 3 in 5.134 ◯ the value of 3 in 5.314

b. 756.421×100 ◯ $756.421 \div 100$

c. 637 Hundredths. ◯ 637×0.01

d. 0.234×5 ◯ 23.4×0.5

e. $690 \div 15$ ◯ $960 \div 15$

f. $3{,}465 \div 5$ ◯ $3{,}465 \div 8$

2 Find the unknown letters in each of the following.

a. $305.09 = 3 \times [m] + 5 + 9 \times [n]$

b. $24.306 = 2 \times [k] + 4 + 3 \times [l] + 6 \times [r]$

3 Order each of the following from least to greatest.

a. 0.65 km , 590 m , 0.8 km , 705 m

b. 325.7 mL , 0.59 L , 806 mL , 0.55 L

4 Look at the area models, find the product.

a.

	2	0.5
?	14	?
0.4	?	0.2

product : ________

b.

	2	?	0.08
?	6	1.5	?
0.5	1	?	0.040

product : ________

Units 5&6

Answer the following

5 Use an area model to find. 1.2×3.25

6 By using the standard algorithm , find the product. 29.76×6.4

7 Find the quotient of each of the following.
a. $62.24 \div 16$

b. $7.4 \div 5.1$ (to the nearest Hundredths)

c. $7 \div 8$ (to the nearest Tenths)

8 Write the expression then, evalute the expression.
a. Add 3.4 and 3.1 then multiply the result by 10 ____________________
b. Subtract 3.1 from 7.54 then divide by 4 ____________________
c. Multiply 5.4 by 100 , next add 18 , last divide the result by 9 ____________________

9 Ali bought 15 books if the price of one book is 4.25 L.E.
Find the price of all books.

10 Edward has 3.45 meters of wire that is cut into 15 equal pieces.
Find the length of each piece of wire ?

11 Giovanni walked 7.25 km in 10 days equally. What is the covered distance in meters did he walk in each day ?

12 Petra made 20.25 liters of mango juice. She sold 10.25 liters and divided the rest into 4 bottles equally. How much mango juice is in each bottle ?

13 If the weight of Hany , Wael and Heba are 85.7 kg , 94,560 g and 75.6 kg
What is the total of their weights ?

14 Mona made a liter of sugar can juice. She drank 570 milliliters. Her mother drank 0.33 Liters.
How much sugar can juice is remaining ?

The Answers

Choose the correct answer:

1. B 2. B 3. D 4. D 5. D
6. B 7. B 8. A 9. B 10. C
11. C 12. A 13. C 14. C 15. C
16. C 17. A 18. B 19.C 20. C
21. B 22. C 23. A 24. C 25. C
26. A 27. B 28. A 29. D 30. B
31. A 32. C 33. C 34. C 35. D
36. A 37. A 38. C 39. B 40. A
41. C 42. C 43. C 44. D 45. D
46. C 47. C 48. C 49. D 50. D
51. A 52. C 53. C 54. C 55. B
56. A 57. B 58. B 59. B 60. B
61. D 62. B 63. A 64. B 65. D
66. C 67. B 68. C 69. C 70. B
71.A 72. B 73. C 74. B 75. A
76. D 77. D 78. D 79. A 80. A
81. D 82. C 83. C 84. C 85. A
86. C 87. B 88. D 89. C 90. A
91. C 92. B 93. D 94. C 95. B
96. C 97. D

The Answers

Complete the following:

1) 0
2) 4.651
3) 57.6
4) 0.01
5) 36
6) 1.414
7) 8.1
8) 1.23
9) 51,320
10) 100
11) 100
12) 0.1
13) 0.001
14) 532.4
15) 3.27
16) 1465.2
17) 960
18) 100 , 1.42
19) 0.01 , 1.45
20) 7,355
21) 0.36
22) 4,500
23) 0.0154
24) 2
25) 0.25
26) 6.5
27) 17.4
28) 2.282
29) 0.76
30) 0.12
31) 3.72
32) 174
33) 6.17 ≈6.2
34) 0.06
35) 1
36) 4.2 X 5.6
37) 3.28
38) 3
39) 10
40) 42.12
41) 350
42) 1.01
43) 2.75
44) 32 , nx2
45) 45, n+5
46) 24
47) 6 , 3 , n÷ 2
48) 3.3
49) 2.9
50) 7.5
51) 11
52) subtract
53) 52
54) 11

Answer the following:

1) a. < b. > c. = d. < e. < f. >

2) a. m= 100 , n = 0.01 b. k = 10 , L = 0.1 , r = 0.001

The Answers

Answer the following:

3) a. 590 m , 0.65 km , 705 m , 0.8 km

b. 325.7 ml , 0.55 L , 0.59 L , 806 ml

4) a.

	2	0.5
7	14	3.5
0.4	0.8	0.2

product: 18.5

b.

	2	0.5	0.08
3	6	1.5	0.24
0.5	1	0.25	0.040

product: 9.03

5) 3.9 6) 190.464

7) a. 3.89 b. 1.45 c. 0.9

8) a. (3.4 + 3.1) x 10 b. (7.54 – 3.1) ÷ 4

c. (5.4 x 100 + 18) ÷ 9

9) 4.25 x 15 = 63.75 L.E.

10) 3.45 ÷ 15 = 0.23

11) 7.25 ÷ 10 = 0.725 km x 1000 = 725 m

12) 20.25 – 10.25 = 10 10 ÷ 4 = 2.5 L

13) 85.7 + 94.56 + 75.6 = 255.86 kg

14) 1000 ml – 570 – 330 = 100 ml

شرح خطوات الحل على قناة

 Math For Kids: Hoda Ismail

حمل الآن

مجانا وحصريا

المراجعة رقم (5)



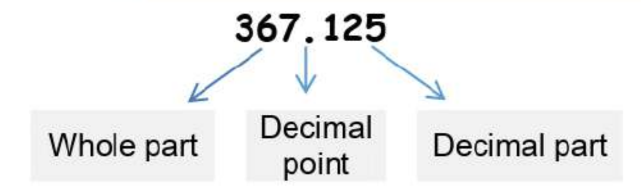




Summary of unit 1

➤ Decimal number:

367.125



Whole part | Decimal point | Decimal part

➤ Place value and value of decimal number:

367.125							
Place value	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
Value	300	60	7		0.1	0.02	0.005

➤ Reading decimal number:

135.46

Reading as: one hundred thirty-five and forty-six hundredths

3.075

Reading as: two and seventy five thousandths

➤ Converting decimal number:

✓ Convert from fraction to decimal:

- $4\frac{356}{1,000}$ = **4.356**
- $\frac{7}{100}$ = **0.07**

✓ Convert from unit to standard:

- 4 tenths, 5 hundredths, 1 thousandths = **0.451**
- 3 hundredths, 6 thousandths = **0.036**

➤ Multiplying and dividing by 10 and 100:

✓ Multiplying by 10	✓ Dividing by 10
EX: 3.5 × 10 = 35	*EX:* 45.26 ÷ 10 = 4.526
• The decimal point moves one place to right • Each digit moves one place to left • The value of each digit increases 10 times.	• The decimal point moves one place to left • Each digit moves one place to right • The value of each digit decreases 10 times.

➤ Forms of decimal number:

✓ Standard form:	42.365
✓ Decomposing form:	**1st way (Expanded):** 40 + 2 + 0.3 + 0.06 + 0.005 **2nd way:** 42 + 0.3 + 0.06 + 0.005 **3rd way:** 42 + 0.365
✓ Word form:	Forty-two and three hundred sixty-five thousandths
✓ Unit form:	4 tens, 2 ones, 3 tenths, 6 hundredths, 5 thousandths

Comparing decimals:

Ex: 2.35 < 4.18 0.253 < 0.721 2.490 > 2.365

Rounding decimals:

✓ To the nearest whole (ones):	✓ To the nearest tenth (one decimal plce):	✓ To the nearest hundredth (two decimal places):
EX: 64.72 ≈ 65	EX: 0.628 ≈ 0.6	EX: 23.495 ≈ 23.50

Adding and subtracting decimals:

✓ Adding decimals:	✓ Subtracting decimals:
EX: 36.254 + 1.48 = ...	EX: 5.46 – 2.347 = ...
$\begin{array}{r} \scriptstyle 1 \\ 36.254 \\ +\ 1.480 \\ \hline 37.734 \end{array}$	$\begin{array}{r} \scriptstyle 5\ 10 \\ 5.4\not{6}0 \\ -\ 2.347 \\ \hline 3.113 \end{array}$

Estimating adding or subtracting decimals:

✓ Rounding estimation:	✓ Front-end estimation:	✓ Benchmark estimation:
• Round each number firstly ,then add or subtract	• Write the first digit from left, then replace the rest digits by zeroes.	• Delete decimal part and Replace the tenths place by 0 , 5 or 10
EX : estimate by rounding to the nearest whole: 3.27 + 0.54 = 3 + 1 = 4	EX : estimate by using front end estimation: 23.24 + 0.4 = 20.00 + 0.0 = 20	EX : estimate by using benchmark: 1.6 + 2.9 = 1.5 + 3.0 = 4.5

Decimal story problems:

- Addition keywords (+): [sum - together – all – total]
- Subtraction keywords (–): [difference – more than – remain – rest - left]

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(1) Choose the correct answer:

1) The place value of the digit 3 in the number 15.32 is ....

a. Ones **b.** Hundreds **c.** Tenths **d.** Thousandths

2) The value of the digit 4 in the number 3.514 is ....

a. 40,000 **b.** 400 **c.** 0.4 **d.** 0.004

3) Sixty-four and sixty-four thousandths = ...

a. 46.046 **b.** 64.064 **c.** 64.64 **d.** 46.46

4) $\frac{469}{1,000}$ = ...

a. 4.96 **b.** 0.469 **c.** 459 **d.** 4.69

5) The decimal fraction 0.053 reads ....

a. Fifty-three hundredths **b.** Fifty-three hundreds

c. Thirty-five hundredths **d.** Fifty-three thousandths

6) 30 + 0.04 + 0.005 = ...

a. 30.045 **b.** 30.45 **c.** 30.405 **d.** 30.504

7) 489.51 = 489 + ...

a. 0.51 **b.** 51 **c.** 1.51 **d.** 5.1

8) 6 ones + 5 tenths + 7 thousandths = ...

a. 0.756 **b.** 6.507 **c.** 657 **d.** 6,507

9) 8 hundredths equivalent to .... thousandths

a. 80 **b.** 8 **c.** 800 **d.** 0.008

10) 3.7 × 100 = ...

a. 37 **b.** 370 **c.** 3,700 **d.** 0.37

11) 65.2 ÷ 10 = ...

a. 0.652 **b.** 65.2 **c.** 6.52 **d.** 652

12) 2.13 × .... = 2,130

a. 10 **b.** 100 **c.** 1,000 **d.** 10,000

13) 23.4 ÷ .... = 2.34

a. 10 **b.** 100 **c.** 1,000 **d.** 10,000

14) 36.5 .... 35.6

a. > **b.** < **c.** = **d.** Otherwise

15) 25.12 .... 25.056

a. > **b.** < **c.** = **d.** Otherwise

16) 0.004 .... $\frac{4}{1,000}$

a. > **b.** < **c.** = **d.** Otherwise

17) 5.36 > ....

a. 5.37 **b.** 5.362 **c.** 5.366 **d.** 3.561

18) The smallest decimal number from the following is ....

a. 8.8 **b.** 8.90 **c.** 8.1 **d.** 7.5

19) Which digit can be placed in the square to make the mathematical expression is correct?

348.389 < 34 □.13

a. 5 **b.** 6 **c.** 8 **d.** 9

20) 18.58 ≈ .... [to the nearest whole number]

a. 59 **b.** 19 **c.** 18 **d.** 18.6

21) 1.450 ≈ .... [to the nearest tenth]

a. 10 **b.** 1 **c.** 1.5 **d.** 15

22) 3.649 ≈ .... [to the nearest 2 decimal places]

a. 3.74 **b.** 3.65 **c.** 3.54 **d.** 4.6

23) The rounding of the decimal number 9.325 to the nearest .... is 9.33

a. Tenth **b.** Hundredth **c.** Thousandth **d.** Whole

24) 4.14 + 3.05 = ...

a. 7.58 **b.** 1.19 **c.** 7.19 **d.** 740

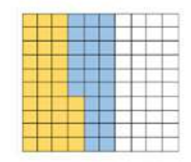
25) 45.9 – 13.33 = ...

a. 34.7 **b.** 35.1 **c.** 20.1 **d.** 32.57

26) Which of the following expressions represent the opposite model?

a. 0.32 + 0.2 **b.** 0.34 + 0.26

c. 0.27 + 0.33 **d.** 0.24 + 0.36



27) 8 hundredths – 5 hundredths = ...

a. 3 **b.** 300 **c.** 0.3 **d.** 0.03

28) 5 tenths – 35 hundredths = ... hundredths

a. 15 **b.** 35 **c.** 30 **d.** 5

29) The estimate of the sum of 35.762 + 63.014 is ....

a. 99 **b.** 80 **c.** 98.76 **d.** 110

30) The estimation of 0.5 + 0.7 by rounding to the nearest whole is ....

a. 1 **b.** 2 **c.** 1.2 **d.** 0.3

31) The estimation of 0.91 + 2.52 by using benchmark strategy is ....

a. 2 **b.** 3 **c.** 2.5 **d.** 3.5

32) The estimation of 37.42 – 11.42 by using front-end strategy is ....

a. 20 **b.** 26 **c.** 30 **d.** 36

33) ………….. = 90 + 6 + 0.07

a. 96.7 **b.** 96.07 **c.** 9.67 **d.** 9.067

34) 0.2 + …….. = 7.2

a. 7 **b.** 0.7 **c.** 70 **d.** 0.007

35) If multiply decimal number by 10, then decimal point will move to ………..

a. Left **b.** Right **c.** Not move **d.** Other

36) 0.12 × 10 ……. 2.1 × 10

a. > **b.** < **c.** = **d.** Otherwise

37) ……. × 5 = 5,000

a. 100 **b.** 1,000 **c.** 10,000 **d.** 100,000

38) The benchmark of 0.85 is ………..

a. 0.5 **b.** 1 **c.** 0 **d.** 85

39) 0.05 + 0.05 = ……….

a. 0.55 **b.** 0.1 **c.** 10 **d.** 5.5

40) 7 tenths + 3 tenths = ………

a. 1 **b.** 10 **c.** 100 **d.** 1,000

---

(2) <u>Complete</u>:

1) The value of the digit 6 in the number 36.059 is ....

2) The place value of the digit 7 in the number 91.374 is ....

3) The digit in the hundredth place in the number 3.456 is ....

4) 6 tenths = ... hundredths

5) The number of tenths in the decimal fraction 0.76 equal .... tenths

6) Thirty-six and twenty five hundredths in digits is ....

7) The number $4 + 0.2 + \frac{4}{100} + \frac{9}{1,000}$ in standard form is ....

8) 3.06 in word form is ....

9) 3 + 3 tenths + 3 hundredths = ...

10) 40 + 8 + 0.5 + 0.06 = ...

11) 78.65 × 10 = ...

12) 73.68 ÷ .... = 7.368

13) The rounding of the number 35.546 to the nearest hundredth is ....

14) 5.238 + 3.65 = ...

15) 8.659 – 4.32 = ...

16) The estimation of 26.32 + 39.9 by rounding to the nearest whole is ......

17) 5 thousandths + 73 hundredths = ……. thousandths

18) 1,000 × ……. = 60,000

---

3) ***Answer the following:***

1) Decompose the number 80.507 using the expanded form

....

2) Ola saved 17.25 pounds, and her brother saved 8.5 pounds. Find the sum they saved

....

3) Ahmed catches a fish its length is 22.5 cm and Assem catches a fish its length is 13.2 cm. find the difference between the lengths of the two fish.

....

4) Two gold bars , if the weight of the first is 3.39 kg and the weight of the second is 6.08 kg, Calculate the weight of the two gold bars.

....

5) Which is greater 3,508.42 or 358.32?

....

6) Order from least to the greatest: 0.096 , 2.56 , 1.26 , 0.27

....

7) Order from greatest to smallest: 80.21 , 8.102 , 80.012 , 80.09

....

Summary of unit 2

Equation and expression:

✓ Mathematical expression:	Doesn't contain equal sign	EX: • $m + 3.5$ • $3.2 + 5.61$
✓ Equation:	contains the equal sign " = "	EX: • $x + 3 = 5$

Equation and variable:

Equation:	$3.5 - x = 2.4$	
Variable:	The symbol or letter in the equation EX: x, y, z, m, n, ….	
Solving equation:	find the value of the variable in the equation	
EX: $m + 2.31 = 5.64$ Sol: 5.67 / m, 2.31 $m = 5.67 - 2.31$ $m = 3.36$	EX: $x - 4.35 = 1.24$ Sol: $x = 4.35 + 1.24$ $x = 5.59$	EX: 5.2 + ……. = 8.4 Sol: $8.4 - 5.2 = 3.2$

Writing equation:

- **Addition key words(+):** plus, add, sum, increase
- **Subtraction keywords (–):** subtract, difference, decrease, remain, rest, more than

EX: If we add a number to 1.6 the sum is 4.8

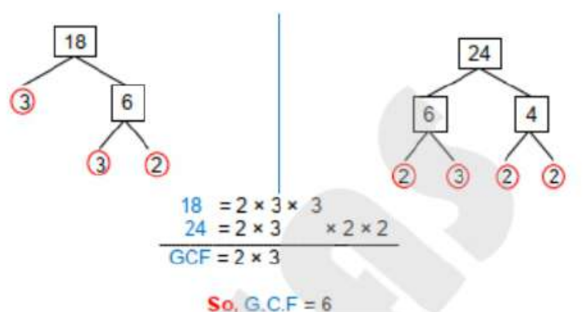
Sol: $m + 1.6 = 4.8$

Factors and multiples:

- **Find G.C.F**

EX: Find the greatest common factor of the numbers 18 and 24

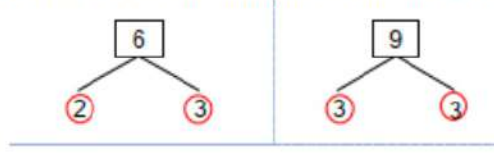
Sol:



So, G.C.F = 6

- **Find L.C.M**

EX: Find the least common multiple of the numbers 6 and 9



6 = 2 × 3
9 = 3 × 3
L.C.M = 2 × 3 × 3

So, L.C.M of 6 and 9 = 18

- The prime number has only two factors (1 and it self)

EX:

5	
1	5

- The composite number has more than two factors

EX:

8	
1	8
2	4

- To find a number from its prime factors , multiply their prime factors

EX: the number that its prime factors 2, 2, 3 is 12

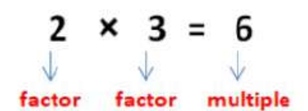
- The prime numbers: 2, 3, 5, 7, 11, 13, 17, ………
- The only even prime number is 2
- The smallest prime number is 2
- The smallest odd prime number is 3
- The common factor of all numbers is 1
- The common multiple of all numbers is 0
- The G.C.F of any two prime numbers is 1
- The L.C.M of any two prime numbers is their product

➤ Relation between factors and multiples:

- Any number is a factor and multiple of itself

Ex: $1 \times 6 = 6$ $2 \times 3 = 6$

- 1, 6, 2, 3 are factors of 6
- 6 is a multiple of each of 1, 6, 2, 3



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(1) Choose the correct answer:

1) Which of the following represents an equation …………?

a. 4.8 + 2.5 **b.** x – 5 = 3.14 **c.** y + 4.8 **d.** 9 – b

2) y + 12 is called …………

a. Expression **b.** Equation **c.** Place value **d.** Value

3) The variable in the equation 56.4 + x = 96 is …………

a. 56.4 **b.** x **c.** 96 **d.** 6.5

4) Which of the following equations represent the mathematic operation: [6 plus a number equal 11]?

a. B – 11 = 6 **b.** B – 6 = 11 **c.** 6 + 11 = B **d.** 6 + B = 11

5) The value of variable x + 4.5 = 8 is …………

a. 35 **b.** 4.5 **c.** 3.5 **d.** 5.5

6) By using the bar model: the value of m is …………

a. 2.8 **b.** 1.64

c. 1.8 **d.** 0.36

3.16	
m	2.8

7) The number 7 has ………… factors.

a. 1 **b.** 2 **c.** 3 **d.** 4

8) ………… is the only even prime number

a. 0 **b.** 1 **c.** 2 **d.** 3

9) The prime factors of the number 18 are …………

a. 2, 2 and 3 **b.** 2,3 and 3 **c.** 6 and 2 **d.** 4 and 3

10) The number whose its prime factors are 2,2,3 is …………

a. 7 **b.** 8 **c.** 12 **d.** 18

11) The common factor of all numbers is …………

a. 0 **b.** 1 **c.** 2 **d.** 3

12) The number where the sum of its factor is 8 is ………

a. 2 **b.** 3 **c.** 5 **d.** 7

13) The prime factors of 12 are …………..

a. 2,2 and 3 **b.** 1,2 and 3 **c.** 2, 3, 5 **d.** 2, 3, 4

14) The G.C.F of 20 and 30 is …………

a. 1 **b.** 4 **c.** 5 **d.** 10

15) The G.C.F of 5 and 7 is …………

a. 12 **b.** 35 **c.** 1 **d.** 0

16) The number …………is a multiple of 5

a. 6 **b.** 9 **c.** 37 **d.** 20

17) The number ………… is a common multiple of 3 and 5 together.

a. 10 **b.** 8 **c.** 15 **d.** 20

18) The multiple of any number is …………

a. 0 **b.** 1 **c.** 2 **d.** 3

19) The L.C.M of 5 and 10 is …………

a. 5 **b.** 10 **c.** 15 **d.** 20

20) The L.C.M of 2 and 7 is …………

a. 2 **b.** 7 **c.** 14 **d.** 9

(2) *Complete:*

1) The variable in the equation x + 5 = 9 is ………………..

2) If y + 1.2 = 7.5 , then y = ………………..

3) If a – 1.241 = 0.213 , then a = ………………..

4) In the bar model , the value of a = ………………..

30.8	
a	19.5

5) The equation which represents the model is …………

6.5	
p	3.2

6) The number whose prime factors are 2,2,5 is ………………..

7) The number 11 has ……… factors

8) The G.C.F of 16 and 24 is ………………..

9) The G.C.F of 2 and 3 is ………………..

10) The L.C.M of 6 and 12 is ………………..

11) The number ……….. is a factor of all numbers

12) ……….. is a multiple of all numbers

(3) *Answer the following:*

1) Find the greatest common factor [G.C.F] of 12 and 18

……………………………………………………………………………………………

……………………………………………………………………………………………

2) Write the prime factors of 35 and 28 , then find the G.C.F for them.

……………………………………………………………………………………………

……………………………………………………………………………………………

3) Find L.C.M for the two numbers 8 and 12

……………………………………………………………………………………………

……………………………………………………………………………………………

4) Find the L.C.M and G.C.F for the two numbers 6 and 10

……………………………………………………………………………………………

……………………………………………………………………………………………

Summary of unit 3

Multiplying by a 2-digit number:

1. Area model:

32 × 46

	30	2
40	1,200	80
6	180	12

```
    1
  1,200
+   180
+    80
+    12
  -----
  1,472
```

2. Distributive property:

53 × 68

53 × 68 = (50 + 3) × (60 + 8)

= (50 × 60) + (50 × 8) + (3 × 60) + (3 × 8)

= 3,000 + 400 + 180 + 24

= 3,604

3. Standard algorithm

37 × 42

```
     2
     1
    37
×   42
------
   174
+ 1480
------
 1,554
```

Estimate the product:

1. Round to the greatest place value:

EX: 32 × 574

Estimate: 30 × 600 = 18,000

2. Front-end estimation strategy:

EX: 43 × 382

Estimate: 40 × 300 = 12,000

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(1) Choose the correct answer:

1) (3 × 61) + (5 × 61) = ……. × 61

a. 53 **b.** 35 **c.** 8 **d.** 6

2) (40 × 23) + (2 × 23) = ……. ×23

a. 24 **b.** 42 **c.** 8 **d.** 6

3) (11 × 3) + (11 × 20) + (11 × 100) = 11 × …….

a. 123 **b.** 321 **c.** 213 **d.** 210

4) The area model of multiplication equation: 26 ×18 is …………

a.

	2	6
1	2	6
8	16	48

b.

	20	6
10	2	60
8	160	480

c.

	20	6
10	200	60
8	160	48

d.

	80	2
10	800	20
6	480	12

5) The missing number in the opposite area model is …………

a. 6 b. 60

c. 600 d. 500

	20	5
30	……	150
2	40	10

6) From the opposite model, the value of y is …………

a. 300 × 6 b. 60 × 6

c. 4 × 6 d. 60 × 30

	300	60	4
30	9,000	1,800	120
6	1,800	y	24

7) The opposite area model represents multiplication problem: …………

a. 25 × 34 b. 25 × 43

c. 52 × 43 d. 52 × 34

	20	5
40	800	200
3	60	15

8) Estimate of the product of 971 ×23 is …………

a. 20,000 b. 8,000 c. 2,000 d. 20

9) The result of estimation of: 603 × 97 by using rounding to the nearest ten is ………….

a. 600 b. 6,000 c. 60,000 d. 7,000

10) 23 ×…….. = 2,300

a. 10 b. 100 c. 1,000 d. 10,000

11) 45 × 33 = ……..

a. 1,845 b. 1,485 c. 1,548 d. 8,154

12) A train consist of 12 wagons, each wagon has 48 seats, then the number of seats in the train = ………… seat

a. 4 b. 36 c. 60 d. 576

13) If 5 × v = 45 , then v = ………

a. 5 b. 9 c. 30 d. 1

14) A shoes costs 400 L.E, which is 4 times as much as shirt costs , then a shirt costs = …….. L.E

a. 500 b. 396 c. 300 d. 100

(2) Complete:

1) 234 × 57 = (200 × 50) + (200 × 7) + (30 × 50) + (30 × …..) + (4 × 50) + (4 × 7)

2) 43 × 26 = (3 × 6) + (3 × 20) + (40 × 6) +(40 × ……)

3) 78 × …….. = (3 × 8) + (20 × 8) + (3 × 70) + (20 × 70)

4) 9 × 27 = (9 × ……) + (9 × 7)

5) (6 × 87) + (2 × 87) = …….. × 87

6) 130 × 30 = ………

7) 4,231 × 3 = ……..

8) Sara bought 36 books for 100 L.E each. She paid = ….…..

9) If 4 ×m = 16 , then the value of m = ………

10) …….. × 9 = 900,000

11) The product of 899 × 11 is closer to the product of …… × ……….

12) The ones digit of the product 2,145 × 32 will be ………..

---

(3) Answer the following:

1) A group of 48 people want to travel by bus. Each bus ticket costs 175 L.E. How much do they need to pay in all?

……………………………………………………………………………………………………..

2) Ahmed has 300 pounds to spend on new clothes. If he bought 12 pair of socks for 18 pounds a pair. How much money will he have left to spend?

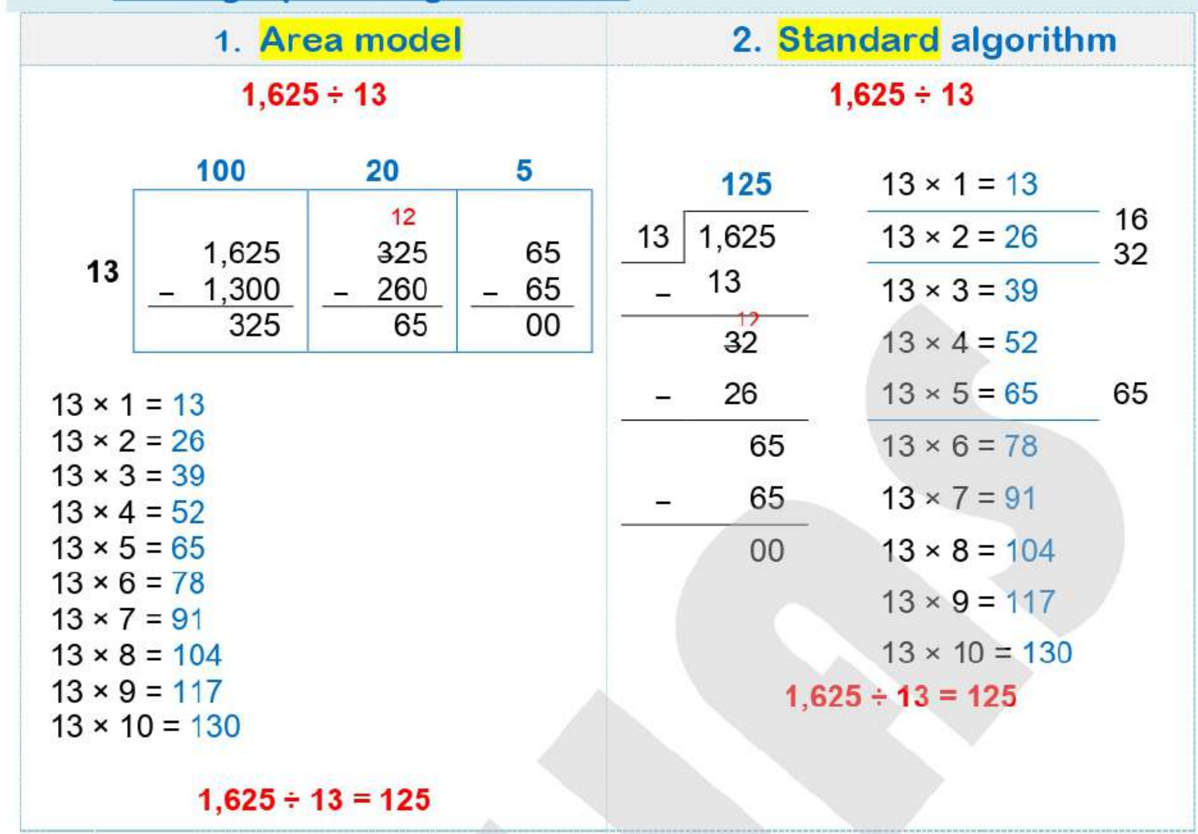
……………………………………………………………………………………………………..

3) Youssef walk every day 5 km, if he walk 154 days in the year.How many kilometers did he walk?

……………………………………………………………………………………………………..

Summary of unit 4

➤ dividing by a 2-digit number:



1. Area model

1,625 ÷ 13

	100	20	5
13	1,625 – 1,300 325	325 (12) – 260 65	65 – 65 00

13 × 1 = 13
13 × 2 = 26
13 × 3 = 39
13 × 4 = 52
13 × 5 = 65
13 × 6 = 78
13 × 7 = 91
13 × 8 = 104
13 × 9 = 117
13 × 10 = 130

1,625 ÷ 13 = 125

2. Standard algorithm

1,625 ÷ 13

```
      125
13 ) 1,625
   –  13
      32
   –  26
       65
   –   65
       00
```

13 × 1 = 13
13 × 2 = 26 — 16
13 × 3 = 39 — 32
13 × 4 = 52
13 × 5 = 65 — 65
13 × 6 = 78
13 × 7 = 91
13 × 8 = 104
13 × 9 = 117
13 × 10 = 130

1,625 ÷ 13 = 125

➤ Estimate the quotient:

EX: estimate the quotients of each of the following:

8,325 ÷ 18	**11,721 ÷ 42**
Estimate: 8,000 ÷ 20 = 400	Estimate: 12,000 ÷ 40 = 300

➤ Relation between multiplication and division:

Dividend = (divisor × quotient) + remainder

7,704 ÷ 35

```
      220
35 ) 7,704
   –  70
       70
   –   70
       04
```

35 × 1 = 35
35 × 2 = 70 — 70
35 × 3 = 105 — 77
35 × 4 = 140
35 × 5 = 175
35 × 6 = 210

7,704	=	35	×	220	+	4
dividend		divisor		quotient		remainder

7,704 ÷ 35 = 220 R 4

➤ Operations keywords:

- **Addition keywords (+):** add – sum – together – all – total
- **Subtraction keywords (–):** difference – remain – left –rest – decrease – more than
- **Multiplication keywords (×):** multiply – product – times
- **Division keywords (÷):** divide – distribute – split – cut into

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(1) Choose the correct answer:

1) The divisor in 216 ÷ 43 = 5 R1 is ……….

a. 216 **b.** 43 **c.** 5 **d.** 1

2) 640 ÷ ……. = 640

a. 0 **b.** 1 **c.** 10 **d.** 100

3) 29 ÷ 4 = 7 R …….

a. 0 **b.** 1 **c.** 2 **d.** 3

4) 1,515 ÷ 15 = ……..

a. 11 **b.** 101 **c.** 1,001 **d.** 15

5) If 3,012 ÷ 12 = 251 , then 251 × 12 = ………

a. 3,012 **b.** 3,013 **c.** 3,014 **d.** 3,015

6) Quotient of 7,668 ÷ 54 is ………

a. 142 **b.** 124 **c.** 214 **d.** 241

7) If 26 × 352 = 9,152 , then 9,155 ÷ 26 = ……....

a. 352 **b.** 352 R1 **c.** 352 R2 **d.** 352 R3

8) 4,150 ÷ 29 = 143 R …….

a. 4 **b.** 2 **c.** 1 **d.** 3

9) From the opposite model, the quotient is ……….

a. 5 **b.** 20

c. 100 **d.** 125

	100	20	5
5	625 – 500 125	125 – 100 25	25 – 25 00

10) The division equation which represents the opposite area model is …….

a. 975 ÷ 25 = 39 **b.** 39 ÷ 25 = 975

c. 975 ÷ 25 = 38 **d.** 975 ÷ 25 = 31

	30	8	1
25	975 − 750 225	225 − 200 25	25 − 25 00

11) The divisor in the opposite area model is ……….

a. 100 **b.** 50

c. 7 **d.** 150

	100	50
7	1,050 − 700 350	350 − 350 000

12) The remainder in the opposite model is ……….

a. 216 **b.** 15

c. 3,248 **d.** 8

	200	10	6
15	3,248 − 3,000 248	248 − 150 98	98 − 90 08

---

(2) Complete:

1) If 325 ÷ 25 = 13 , then 25 is called ………..

2) If 676 ÷ 52 = 13 , then the dividend is ………

3) The quotient in 480 ÷ 10 = 48 is ………..

4) The quotient of 54 ÷ 5 = 10 , then the remainder is ……….

5) The remainder of divided 17 by 5 is ……...

6) 34 ÷ 4 = 8 R ……..

7) 45 ÷ 5 = 9 R ……..

8) 0 ÷ 23 = ……...

9) 120 ÷ 20 = ………

10) 1,227 ÷ 12 = ……. R ……

(3) Answer the following:

1) A school distributed 840 books among 15 classes equally, find number of books in each class?

....

2) A teacher wants to distribute 510 prizes to 5 classes equally. How many prizes per each class?

....

3) Find the quotient of division 11 ÷ 7

....

4) 1f 18 plums are packed each 3 in a bag, then how many bags will be there?

....

5) Distribute 3,600 L.E. between 9 persons equally. How much every one take?

....

6) If 165 passengers travels to cairo by private cars, if the number of passengers in each car is 11 passengers , what is the number of cars to transport all the passengers?

....

7) A charity wants to distribute 3,125 pounds into 25 persons equally. What's the share of each person?

....

Summary of unit 5

Multiplying and dividing by powers of 10:

• × 10 , 100 , 1000	• × 0.1 , 0.01 , 0.001	• ÷ 10 , 100 , 1000	• ÷ 0.1 , 0.01 , 0.001
Move the decimal point to the right	Move the decimal point to the left	Move the decimal point to the left	Move the decimal point to the right
EX: 1.562 × 10 = 15.62	EX: 345.3 × 0.01 = 3.453	EX: 45 ÷ 10 = 4.5	EX: 3.5 × 0.01 = 350

Decimals and metric system:

• Measuring length:	• Measuring mass (weight):	• Measuring capacity:
Km _ _ _ m _ _ cm _ mm	**Kg _ _ _ g**	**L _ _ _ ml**
EX: 2.5 km = 2,500 m	EX: 2.35 kg = 2,350 g	EX: 3.52 L = 3,520 ml
EX: 75.8 mm = 7.58 cm	EX: 23.7 g = 0.0237 kg	EX: 12,350 ml = 12.35 L

Multiplying decimals:

EX: **0.4 × 3 = …….**

$$\begin{array}{r} 4 \\ \times\ 3 \\ \hline 12 \end{array}$$

0.4	×	3	=	1.2
1 decimal		0 decimal		1 decimal

EX: **0.3 × 0.6 = ……**

$$\begin{array}{r} 3 \\ \times\ 6 \\ \hline 18 \end{array}$$

0.3	×	0.6	=	0.18
1 decimal		1 decimal		2 decimal

EX: **37.4 × 6.2 = …..**

$$\begin{array}{r} 374 \\ \times\ 62 \\ \hline 748 \\ +\ 22{,}440 \\ \hline 23188 \end{array}$$

37.4	×	6.2	=	231.88
1 decimal		1 decimal		2 decimal

Dividing decimals:

EX: **51.84 ÷ 16 = …….**

16 × 1 = 16
16 × 2 = 32
16 × 3 = 48
16 × 4 = 64
16 × 5 = 80
16 × 6 = 96

$$\begin{array}{r} 03.24 \\ 16\,\overline{)\,51.84} \\ -\ 48 \\ \hline 038 \\ -\ 32 \\ \hline 064 \\ -\ 64 \\ \hline 00 \end{array}$$

EX: **58.5 ÷ 18 = …….**

18 × 1 = 18
18 × 2 = 36
18 × 3 = 54
18 × 4 = 72
18 × 5 = 90
18 × 6 = 108

$$\begin{array}{r} 3.25 \\ 18\,\overline{)\,58.50} \\ -\ 54 \\ \hline 045 \\ -\ 36 \\ \hline 90 \\ -\ 90 \\ \hline 00 \end{array}$$

EX: **8.856 ÷ 3.6 = …..**

36 × 1 = 36
36 × 2 = 72
36 × 3 = 108
36 × 4 = 144
36 × 5 = 180
36 × 6 = 216

$$\begin{array}{r} 2.46 \\ 36\,\overline{)\,88.56} \\ -\ 72 \\ \hline 165 \\ -\ 144 \\ \hline 216 \\ -\ 216 \\ \hline 000 \end{array}$$

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(1) Choose the correct answer:

1) $85.3 \times 0.01 =$ ……….

a. 853 **b.** 8.53 **c.** 0.853 **d.** 85.03

2) 2 thousandths × 4 = ……….

a. 8 **b.** 0.8 **c.** 0.08 **d.** 0.008

3) $35.2 \times \frac{1}{10} =$ ……..

a. 35.20 **b.** 35.02 **c.** 3.52 **d.** 30.52

4) $2.51 \times$ ……. $= 0.251$

a. 0.1 **b.** 0.01 **c.** 0.001 **d.** 10

5) $0.1 \times 0.1 =$ …….

a. 0.03 **b.** 0.02 **c.** 0.01 **d.** 0.2

6) 3 hundredths × 3 = ………

a. 9 hundreds **b.** 9 hundredths **c.** 0.90 **d.** 9

7) 3 tenths × 4 tenths = ……..

a. 12 tenths **b.** 12 hundredths

c. 12 thousandths **d.** 12 ones

8) 3 × 2 thousandths = ……… thousandths

a. 5 **b.** 6 **c.** 32 **d.** 23

9) The product of $0.9 \times 5 =$ ………

a. 0.45 **b.** 4.5 **c.** 5.4 **d.** 45

10) $3.1 \times 1.1 =$ ………..

a. 34.1 **b.** 341 **c.** 0.341 **d.** 3.41

11) Since $35 \times 47 = 1,645$, then $3.5 \times 0.47 =$ ………

a. 164.5 **b.** 16.45 **c.** 1.645 **d.** 1,645

12) From the area model , m = ………

a. 20 **b.** 0.02

c. 0.2 **d.** 2

	4	0.3
2	8	0.6
0.5	m	0.15

13) 9.13×3.5 ……. 91.3×0.35

a. > **b.** < **c.** = **d.** Otherwise

14) 0.7 m = ……. cm

a. 7 **b.** 70 **c.** 700 **d.** 7,000

15) 17.6 kg = …… g

a. 0.176 **b.** 1.76 **c.** 1,760 **d.** 17,600

16) 3.5 L – 1,500 ml = ……. L

a. 2 **b.** 20 **c.** 200 **d.** 2,000

17) Aya ran a 5 kilometers race. How many meters did she run?

a. 50 **b.** 500 **c.** 5,000 **d.** 0.005

18) There are ……….. milliliters in 18 liters

a. 18 **b.** 180 **c.** 1,800 **d.** 18,000

19) $32.59 \div 0.1$ = ……….

a. 3.259 **b.** 32.59 **c.** 325.9 **d.** 3,259

20) $85.3 \div \frac{1}{100}$ = …….

a. 8,530 **b.** 8.53 **c.** 0.853 **d.** 85,300

21) 3,200 ml = …… L

a. 320 **b.** 32 **c.** 3.2 **d.** 0.23

22) There are 30,000 grams in ………. kilograms

a. 3 **b.** 3,000 **c.** 30 **d.** 300

23) $80 \div 0.08$ = ……..

a. 10 **b.** 100 **c.** 1,000 **d.** 8,000

24) $32.5 \div$ ……. = 100

a. 3.25 **b.** 0.0325 **c.** 0.325 **d.** 325

25) $462.3 \div 0.23$ …….. $4,623 \div 2.3$

a. > **b.** < **c.** = **d.** Otherwise

26) 30 days ≈ ……. weeks [to the nearest week]

a. 3 **b.** 4 **c.** 5 **d.** 6

27) $35 \div 0.7 =$ …….

a. 50 b. 70 c. 0.7 d. 0.5

28) $90 \div 0.03 =$ ……..

a. 3,000 b. 30 c. 300 d. 3

29) $1.5 \div 0.5 =$ ………

a. 5 b. 3 c. 0.5 d. 0.3

30) $25.25 \div 0.25 =$ ……….

a. 11 b. 101 c. 110 d. 111

31) 700 g = ……. kg

a. 0.7 b. 7 c. 0.07 d. 0.007

32) $8.43 \times 0.2 \approx$ ……. [to the nearest hundredths]

a. 1.686 b. 1.7 c. 1.69 d. 2

33) 7.18×3.5 ……. 71.8×0.35

a. $>$ b. $<$ c. $=$ d. Otherwise

34) $461.12 \div 10 =$ ……..

a. 4.6112 b. 46.112 c. 461.12 d. 4611.2

35) $6.345 \div 0.01 =$ ……….

a. 6,345 b. 0.06345 c. 634.5 d. 63,450

36) $2 \div 0.4 =$ ………

a. 2 b. 10 c. 5 d. 8

37) The divisor in the equation $1.8 \div 6 = 0.3$ is ……….

a. 0.3 b. 1.8 c. 6 d. 3

38) 735 cm = …….. m

a. 73,500 b. 7.35 c. 73.5 d. 7,350

39) $100 \times 5.2 =$ ………

a. 5.20 b. 520 c. 0.52 d. 52

40) $0.3 \times 5 =$ ……..

a. 0.35 b. 1.5 c. 15 d. 150

41) $7.14 \times 0.1 =$ ………

a. 0.714 b. 71.4 c. 7.140 d. 714

42) $3.6 \div 0.04 =$ …….

a. 0.9 b. 90 c. 0.09 d. 0.009

43) …… $\times\ 0.01 = 4.12$

a. 412 b. 4,120 c. 41,200 d. 0.412

44) $0.6 \times 0.5 =$ …….

a. 30 b. 3 c. 0.3 d. 0.65

45) $4.1 \times 1.1 =$ ……….

a. 45.1 b. 451 c. 0.451 d. 4.51

46) $3.25 \times 0.1 =$ ………

a. 325 b. 32.5 c. 3.25 d. 0.325

47) 95 milliliters = …… cm

a. 9.5 b. 0.95 c. 0.0095 d. 0.095

48) 4.25 ……. $2.2 \div 0.1$

a. $=$ b. $>$ c. $<$ d. Otherwise

49) $0.35 \div 0.5 =$ …….

a. 7 b. 0.007 c. 0.07 d. 0.7

50) The quotient of $2.4 \div 0.4 =$ …….

a. 11 b. 6 c. 0.6 d. 1.6

51) $0.4 \times 0.6 =$ ……..

a. 24 b. 2.4 c. 0.24 d. 0.024

52) $58.675 \times 0.10 =$ ………

a. 58.675 b. 5.8675 c. 586.75 d. 60

(2) Complete:

1) $0.2 \times 0.3 =$ …….

2) $123 \times 0.01 =$ …….

3) $4.2 \times 5.6 =$ ……….

4) ……. $\times 0.01 = 5.324$

5) $25 \times 0.1 =$ ……….

6) $5.4 \times 0.12 =$ ……….

7) $513.2 \div 0.01 =$ ……

8) $89.36 \div 100 = 89.36 \times$ ……..

9) 250 ml = ……. L

10) 36 cm = …… mm

11) 2,000 g = …….. kg

12) The quotient of $6.66 \div 6 =$ ……….

13) The quotient of $84.24 \div 2 =$ ………

14) $2.1 \div 0.7 =$ ……….

---

(3) Answer the following:

1) Ant walks 0.2 km on a day. How many meters does it walk

……………………………………………………………………………………

2) Ali bought 9 cans of soda , if the price of one can is 6.5 pounds. How much money did Ali pay ?

……………………………………………………………………………………

3) A rope that is 4.5 meters long is cut into 3 equal pieces. How long is each piece?

……………………………………………………………………………………

4) Lf the price of a bottle of juice is 14.5 L.E. what is the price of 15 bottles of the same juice?

……………………………………………………………………………………

5) Ali has 6.72 m of wire , if he decided to cut it into 16 pieces. What is the length of each piece?

……………………………………………………………………………………

6) Find the result of: 2.14×2.7

……………………………………………………………………………………

7) Ahmed bought 10 pens of the same type, if the price of one pen is 4.5 pounds. How much money Ahmed paid?

……………………………………………………………………………………

Summary of unit 6

Order of operations:

The order is:

1) ( )
2) × or ÷
3) + or –

Ex: [(12 + 10) × 0.2] ÷ 0.1

= [22 × 0.2] ÷ 0.1
= 4.4 ÷ 0.1 = 44

Ex: 0.5 + (4.7 – 4.1) × 0.4

= 0.5 + 0.6 × 0.4
= 0.5 × 0.24
=0.120

Writing expressions:

- **Mathematical expressions keywords:**
  - ✓ **Addition (+):** add, plus, sum
  - ✓ **Subtraction (–):** subtract, minus, difference, left, remainder, more than, decrease
  - ✓ **Multiplication (×):** multiply, times, product
  - ✓ **Division (÷):** divide, distribute, quotient

Ex:

Subtract 3.1 from 4.62. Then, multiply the result by 2

Expression: (4.62 – 3.1) × 2

Numerical pattern:

- **Numerical pattern**
- pattern increases: add (+) , multiply (×)
- pattern decrease: subtract (–) , divide (÷)
- writing rule: + 2 or add 2 or n + 2

EX: 3, 6, 9, 12, 15, …… **Rule:** + 3

EX: 2, 4, 8, 16, …… **Rule:** × 2

EX: 45, 40, 35, 30, …… **Rule:** – 5

EX: 80, 40, 20, 10, …… **Rule:** ÷ 2

- **Numerical pattern using table:**

Input	Output
1	3
2	6
3	9
4	12
5	15

Rule: n × 3

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(1) Choose the correct answer:

1) What is the first step in evaluating: 28.1 – 3.5 × 0.2 + 29 – 4?

a. 28.1 – 3.5 **b.** 3.5 × 0.2 **c.** 0.2 + 29 **d.** 29 – 4

2) To find the value of expression: $43.1 \div 0.1 - 3.1\ (2.2 + 3.8)$ perform the operations ……… first

a. Subtraction **b.** Multiplication **c.** Within parenthesis **d.** division

3) $2.3 \div 0.1 + 10 =$ ………

a. 230 **b.** 10.23 **c.** 33 **d.** 0.33

4) $12 + 24 \div 4 + 8 =$ ………..

a. 28 **b.** 26 **c.** 22 **d.** 10

5) The value of this expression: $(7.5 \times 10) + 2.3$ is ……….

a. 77.3 **b.** 9.8 **c.** 19.8 **d.** 2.78

6) $25 \times 4 \div (6 - 5) =$ …….

a. 100 **b.** 101 **c.** 0.01 **d.** 165

7) $(13.5 - 5.13) \div 0.1 + 16.3 =$ ………

a. 10 **b.** 83.5 **c.** 30 **d.** 100

8) Which expression matches the clue " add 30 to 25 and divide the result by 0.5 "?

a. $30 + 25 \div 0.5$ **b.** $0.5 \times (30 + 25)$ **c.** $(30 + 25) \div 0.5$ **d.** $30 \div 0.5 + 25$

9) Subtract 2.2 from 6.42 and multiply the result by 3 , then the expression is ……..

a. $2.2 \times 2 - 6.42$ **b.** $3 \times 6.42 - 2.2$ **c.** $6.42 - 2.2 \times 2$ **d.** $(6.42 - 2.2) \times 3$

10) 3, 5, 7, 9, 11, ……. In the same pattern

a. 21 **b.** 15 **c.** 13 **d.** 12

11) 2, 5, 8, 11, ….. in the same pattern

a. 12 **b.** 14 **c.** 16 **d.** 17

12) The missing value in the pattern 23, 27, ….., 35 ,is ……..

a. 29 **b.** 31 **c.** 30 **d.** 34

13) The pattern rule of: 35, 31, 27, 23, ….. is ……….

a. $n - 2$ **b.** $n + 4$ **c.** $n \times 4$ **d.** $n - 4$

14) The rule of the pattern: 3, 7, 11, 15, ….. is …………

a. n – 4 **b.** n + 4 **c.** n × 4 **d.** n ÷ 4

15) If the input is 45, and the rule " n ÷ 5 " , then the outputs is ……..

a. 6 **b.** 40 **c.** 9 **d.** 50

16) 16, 8, 4, ……….. [in the same pattern]

a. 4 **b.** 1 **c.** 2 **d.** 8

17) The first operation to solve: 983 – 16 ÷ 8 + 11 × 10

a. add **b.** subtraction **c.** multiply **d.** divided

18) 5.4 × 0.1 – 0.32 = ………..

a. 0.68 **b.** 53.68 **c.** 0.22 **d.** 54.2

19) 15 ÷ 5 + 7 = ……….

a. 5 **b.** 7 **c.** 3 **d.** 10

20) 6 + 2.4 × 10 = ……….

a. 84 **b.** 0.84 **c.** 20 **d.** 30

21) If the starting number is 5 , and the pattern rule is: n + 7 , then the pattern is …….

a. 5, 12, 17, 22, ….. **b.** 5, 12, 19, 26, ….. **c.** 5, 7, 9, 11, ….. **d.** 7, 12, 17, 22, …..

22) From the following table: the rule of the pattern is ………

a. n × 2 **b.** n + 2

c. n ÷ 2 **d.** n – 2

Input	3	6	9	12
Output	6	12	18	24

23) If the input is 6 and the output is 2 , then the rule is ………..

a. n + 3 **b.** n × 2 **c.** n ÷ 2 **d.** n × 3

---

(2) Complete:

1) 2 + 7 × 5 – 6 = ……..

2) 55 ÷ 3 + 2 = ………

3) 5.5 ÷ 5 × 10 – 10 = ……..

4) $3.52 \times 10 + 283 \div 10 =$ ………

5) $2.4 + 3.15 \times 10 - 7.6 =$ ……..

6) $3.3 \div 3 \times 10 =$ ……….

7) 10, 30, 50, ……… , …….. [in the same pattern]

8) 1.3, 1.7, 2.1, 2.5, ……, 3.3 [in the same pattern]

9) 5, 10, 20, 40, ………. [in the same pattern]

10) 23, 27, 31, 35, …….. [in the same pattern]

11) 1.5, 3, 4.5, 6, …….

12) 0, 3, 6, 9, 12, …….

13) 85, 80, 75, …. , the rule is ……..

14) In the pattern 5, 10, 15, 20, …. , the rule is …………

15) In the pattern 3, 5, 7, 9, …. , the rule is …………

16) From the following table:
The rule of the pattern is ………..

Input	5	6	7	8
Output	20	24	28	32

17) From the following table:
The rule of the pattern is ………..

Input	28	35	42
Output	4	7	6

---

(3) Answer the following:

1) Use order of mathematical operations to evaluate : $4.2 + 24 \div 4 + 8$

……………………………………………………………………………………………………

2) Write the expression matches the clue then evaluate it: Subtract 3.1 from 4.21 then multiply the result by 0.1

……………………………………………………………………………………………………

مجانا وحصريا

حمل الآن

المراجعة رقم (6)







Choose the correct answer

(1) The smallest prime number is ....

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

(2) 123.7 × .... = 1.237

ⓐ 10 ⓑ 100 ⓒ 0.1 ⓓ 0.01

(3) The first step to evaluate the expression: 5 + 4 × 6 – 7 is ....

ⓐ addition ⓑ subtraction ⓒ multiplication ⓓ division

(4) 0.8 liters = ... ml

ⓐ 0.8 ⓑ 8 ⓒ 80 ⓓ 800

(5) 2, 3, 5 are all prime factors of the number ....

ⓐ 6 ⓑ 10 ⓒ 15 ⓓ 30

(6) 31.21 ÷ 0.01 = ...

ⓐ 3121 ⓑ 312.1 ⓒ 3,1210 ⓓ 0.3121

(7) The digit in the thousandth place in the number 3.215 is ....

ⓐ 1 ⓑ 2 ⓒ 5 ⓓ 3

(8) 36.1 × 0.1 = ...

ⓐ 0.0361 ⓑ 0.361 ⓒ 3.61 ⓓ 3610

(9) .... is a prime number.

ⓐ 1 ⓑ 4 ⓒ 12 ⓓ 19

(10) 23.257 ≃ .... (to the nearest hundredth)

ⓐ 23.26 ⓑ 23.25 ⓒ 24 ⓓ 23.3

(11) The multiplicative identity element is ....

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

(12) The additive identity element is ....

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

(13) $K - 27.6 = 21.3$

ⓐ 63 ⓑ 48.9 ⓒ 6.3 ⓓ 489

(14) $36.36 \div 36 =$ …………

ⓐ 1.1 ⓑ 101 ⓒ 1.01 ⓓ 111

(15) $36.2 - 2.1 \times 2 + 3$

ⓐ 30 ⓑ 35 ⓒ 305 ⓓ 3.25

(16) The value of the digit 7 in the number 3.279 is ………

ⓐ 7 ⓑ 70 ⓒ 0.7 ⓓ 0.07

(17) $23.4 \times \frac{1}{10} =$ …………………………

ⓐ 23.4 ⓑ 2.34 ⓒ 0.234 ⓓ 234

(18) If $x + 2.7 = 7$, then $x =$ ………

ⓐ 4.3 ⓑ 3.4 ⓒ 2 ⓓ 5.7

(19) $30 + 0.5 + 0.07 =$ …………………… (in the standard form)

ⓐ 30.75 ⓑ 30.57 ⓒ 3057 ⓓ 3.057

(20) ……… is a common factor of all numbers.

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

(21) All the following numbers are prime except …………

ⓐ 2 ⓑ 3 ⓒ 9 ⓓ 11

(22) $\frac{324}{1000} =$ ………… in the decimal form.

ⓐ 3.24 ⓑ 0.324 ⓒ 32.4 ⓓ 324

(23) 3 ones, 5 hundredths, 2 thousandths = …………… (in the standard form)

ⓐ 3.052 ⓑ 3.025 ⓒ 3.52 ⓓ 5.23

(24) The prime factors of 18 are …………

ⓐ 3, 6 ⓑ 2, 3, 3 ⓒ 2, 9 ⓓ 1, 8

(25) $29 \div 7 = 4$ R ......

ⓐ 1 ⓑ 2 ⓒ 3 ⓓ 4

(26) 523 g = ... kg

ⓐ 5230 ⓑ 5.23 ⓒ 0.523 ⓓ 52.3

(27) If $36.5 \times 100 = 3650$, then $36.5 \div$ .... = 3650

ⓐ 10 ⓑ 100 ⓒ 0.1 ⓓ 0.01

(28) The LCM of 4 and 8 is ....

ⓐ 1 ⓑ 2 ⓒ 4 ⓓ 8

(29) The GCF of 6 and 12 is ....

ⓐ 1 ⓑ 2 ⓒ 3 ⓓ 6

(30) 0.2 is equivalent to ....

ⓐ 0.200 ⓑ 20 ⓒ 200 ⓓ 2000

(31) .... is a common multiple of all numbers.

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

(32) The GCF of 13 and 17 is ....

ⓐ 1 ⓑ 13 ⓒ 17 ⓓ otherwise

(33) All the following are expressions except ....

ⓐ $2x + 3$ ⓑ $3x - 5$ ⓒ $3y + 13$ ⓓ $2x = 14$

(34) In the opposite area model, the value of x is ....

	50	6
4	200	24
20	1,000	x

ⓐ 12 ⓑ 1.2 ⓒ 120 ⓓ 1200

(35) $14 \times 27 = (10 \times 20) + (10 \times 7) + (4 \times 20) + (4 \times$ ......)

ⓐ 10 ⓑ 4 ⓒ 20 ⓓ 7

(36) 3×2 thousandths = ... thousandths

ⓐ 5 ⓑ 6 ⓒ 32 ⓓ 23

(37) In the opposite area model, the value of M is ....

	4	0.3
2	8	0.6
0.5	M	0.15

ⓐ 20 ⓑ 2 ⓒ 0.2 ⓓ 0.02

(38) 3 tenths × 4 tenths = ...

ⓐ 12 ⓑ 1.2 ⓒ 0.12 ⓓ 0.012

(39) If 1168 × 24 = 28032, then 11.68 × 2.4 = ...

ⓐ 28.032 ⓑ 2.8032 ⓒ 280.32 ⓓ 2803.2

(40) The ones digit in the product of 23 × 324 is ....

ⓐ 1 ⓑ 2 ⓒ 3 ⓓ 4

(41) 36.9 ÷ 9 = ...

ⓐ 4.1 ⓑ 41 ⓒ 0.41 ⓓ 1.4

(42) 36 thousandths .... 36 hundredths

ⓐ < ⓑ > ⓒ = ⓓ otherwise

(43) 24 × 10 .... 24 ÷ 0.1

ⓐ < ⓑ > ⓒ = ⓓ otherwise

(44) In the opposite area model,

the quotient is ....

	100	50
7	1,050 − 700 = 350	350 − 350 = 0

ⓐ 1,050 ⓑ 7 ⓒ 50 ⓓ 150

(45) In the opposite area model,

the dividend is ....

	100	50
7	1,050 − 700 = 350	350 − 350 = 0

ⓐ 1,050 ⓑ 7 ⓒ 50 ⓓ 150

(46) In the opposite area model,

the divisor is ....

	100	10	6
31	3,622 − 3,100 = 522	522 − 310 = 212	212 − 186 = 26

ⓐ 116 ⓑ 3,622 ⓒ 31 ⓓ 26

(47) In the opposite area model,

the remainder is ....

	100	10	6
31	3,622 − 3,100 = 522	522 − 310 = 212	212 − 186 = 26

ⓐ 116 ⓑ 3,622 ⓒ 31 ⓓ 26

Complete

(1)	444.4 ÷ 4 = ...
(2)	43.5 + 8.217 = ...
(3)	The value of the digit 5 in the number 3.215 is ....
(4)	The place value of the digit 1 in the number 3.215 is ....
(5)	6.35 kg = ... g
(6)	35.2 – 3 × 3.2 + 1 = ...
(7)	In the pattern: (2, 5, 8, 11, ...) the rule is ....
(8)	Twenty one and seventy eight thousandths = ... (in the standard form)
(9)	The number whose all prime factors are (2, 2, 5) is ....
(10)	248 g = ... kg
(11)	The GCF of 3 and 15 is ....
(12)	The LCM of 5 and 15 is ....
(13)	0.45 ÷ 0.9 = ...
(14)	The number 12 has .... factors
(15)	5 × 24 = (5 × 4) + (5 × ....)
(16)	5.2 m = ...
(17)	24 – 3.15 = ...
(18)	3.5 L – 2000 ml = ... L
(19)	The number 17 has .... factors.
(20)	34.28 ÷ 10 = ...
(21)	1227 ÷ 12 = 102 R ......
(22)	7368 ÷ .... = 73.68
(23)	All prime numbers are odd except ....

(24)	0.28 ÷ 0.04 = ... ÷ 4
(25)	1 , 1 , 2 , 3 , 5 , 8 , ... (in the same pattern)
(26)	If: 4.71 + n = 9.84, then n = ...
(27)	2.346 × 10 = ...
(28)	37.25 ÷ 10 = ...
(29)	1,227 ÷ 12 = 102 R ....
(30)	130 × 30 = ...

Essay Problems

(1) Use the order of operations to evaluate:

12 + (9 – 2) × 5 =

....

....

....

(2) Find GCF and LCM of 20 and 30

....

....

....

....

....

....

(3) A group of 45 people want to travel by bus. Each bus ticket costs 23 pounds. How much do they need to pay in all?

....

....

....

....

....

(4)	**Solve the equation:** **Y – 12.5 = 3.04**	
(5)	**Find: 32 × 124**	**Find: 48.65 ÷ 32**
(6)	**Find: 2.3 × 32.4**	**Find: 27.43 ÷ 1.3**

(7) Use the order of operations to evaluate:

$5.5 \div 5 \times 10 - 10$

....

....

....

(8) Ola saved 17.25 pounds and her brother Hosam saved 8.5 pounds. Find the sum they saved together.

They saved = ...

(9) (Subtract 3.1 from 4.6, then multiply the result by 0.01) Write and evaluate the expression.

....

....

....

....

....

(10) Mona has 1.275 kg of flour. She wants to make a cake which needs 2 kg of flours. How many more flours does she need?

....

....

....

(11) Find GCF and LCM of 18 and 24

....

....

....

....

....

....

Best Wishes

حمل الآن

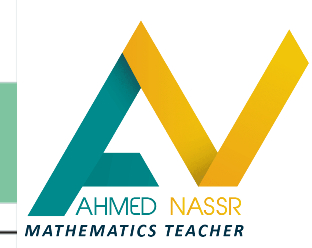
مجانا وحصريا

المراجعة رقم (7)









Q1: Choose the correct answer:

1 The value of digit 4 in the number 3.514 is ....
ⓐ 4 ⓑ 0.4 ⓒ 0.04 ⓓ 0.004

2 The value of the number .... decreased by a factor of 10 to 75.28
ⓐ 752.8 ⓑ 7.528 ⓒ 750.28 ⓓ 75.028

3 5 hundredths + 13 thousandth = ...thousandths.
ⓐ 63 ⓑ 18 ⓒ 513 ⓓ 37

4 3.002 x 10,000 = ...
ⓐ 32,000 ⓑ 300.2 ⓒ 30,020 ⓓ 0.032

5 In the equation 24 ÷ 4 = 6, the remainder is ....
ⓐ 1 ⓑ 2 ⓒ 0 ⓓ 4

6 What is the ones digit of the product of 953 x 23 will be without solving the whole problem?
ⓐ 0 ⓑ 2 ⓒ 9 ⓓ 3

7 The mathematical phrases : 25 + 3.6 = m represents ....
ⓐ variable ⓑ equation ⓒ expression ⓓ neither

8 The GCF of 3 and 7 is ....
ⓐ 1 ⓑ 3 ⓒ 7 ⓓ 0

9 The prime factors of 18 are ....
ⓐ 2, 3, 3 ⓑ 18, 9, 2 ⓒ 6 ⓓ 1, 2, 3, 6, 9, 18

10 The missing number in the product is ....

```
    723
x    14
...........
+ 7,230
 10,122
```

ⓐ 2,882 ⓑ 10,122 ⓒ 2,892 ⓓ 2,880

11 If k - 3.551 = 1.268, then k = ...
ⓐ 2.283 ⓑ 4.819 ⓒ 3.514 ⓓ 5.103

12 9.13 x 3.5 .... 91.3 x 0.35
ⓐ > ⓑ < ⓒ = ⓓ otherwise

13 Which of the following doesn't equal four hundred thousandths ?
ⓐ 0.004 ⓑ 0.40 ⓒ 0.4 ⓓ 0.400

14 600 g = ... kg
ⓐ 600,000 ⓑ 0.6 ⓒ 600 ⓓ 0.0006

15 2.3 ÷ 0.1 + 10 = ...
ⓐ 230 ⓑ 10.23 ⓒ 33 ⓓ 0.33

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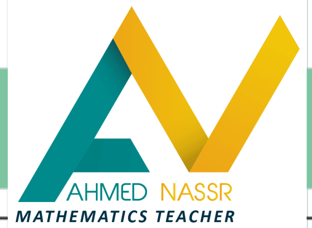

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16 The second step to evalute the expression 9.3 x 0.1 + 4.7 - 1.1 is ....

ⓐ 9.3 x 0.1 ⓑ 9.3 x 4.8 ⓒ 0.93 + 4.7 ⓓ 0.93 + 1.1

17 Seventy-one and seventeen hundredths is the standard form is ....

ⓐ 71.17 ⓑ 701.17 ⓒ 17.70 ⓓ 71.70

18 4 Hundreds x 5 Hundreds = ... hundreds

ⓐ 20 ⓑ 20,000 ⓒ 200,000 ⓓ 2,000

19 [80 x 10] + [80 x 4] + [3 x 10] + [3 x 4] = ...

ⓐ 83 x 14 ⓑ 38 x 14 ⓒ 83 x 41 ⓓ 38 x 41

20 3,003 ÷ 33 = ...

ⓐ 19 ⓑ 91 ⓒ 109 ⓓ 901

21 The bechmark of 0.85 is ....

ⓐ 0 ⓑ 0.5 ⓒ 1 ⓓ 0.85

22 3.569 ≈ .... (to the nearest 2 decimal places)

ⓐ 3.7 ⓑ 3.57 ⓒ 4 ⓓ 3.58

23 7,368 ÷ .... = 73.68

ⓐ 10 ⓑ 100 ⓒ 1,000 ⓓ 0.1

24 9.3 - .... = 8.254

ⓐ 1.146 ⓑ 1.46 ⓒ 1.046 ⓓ 17.554

25 45 ÷ 6 = 7 R 3, the dividend is ....

ⓐ 6 ⓑ 45 ⓒ 7 ⓓ 3

26 Which of the following has the same greatest common factor as 42 and 12?

ⓐ 9 and 6 ⓑ 8 and 24 ⓒ 16 and 60 ⓓ 8 and 30

27 4.012 x 5.6 = ... [to nearest tenths]

ⓐ 22 ⓑ 22.5 ⓒ 22.47 ⓓ 22.467

28 All the following are composite numbers except?

ⓐ 66 ⓑ 67 ⓒ 68 ⓓ 69

29 4.61 m = ... cm

ⓐ 46.1 ⓑ 461 ⓒ 0.0461 ⓓ 46,100

30 The division equation that matches 125 x 36 = 4,500 is ....

ⓐ 4,500 - 125 = 36 ⓑ 125 ÷ 36 = 4,500 ⓒ 4,500 ÷ 36 = 125 ⓓ 125 + 36 = 4,500

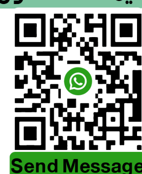
31 There are .... centimeters in 3 km

ⓐ 300 ⓑ 3,000 ⓒ 30,000 ⓓ 300,000

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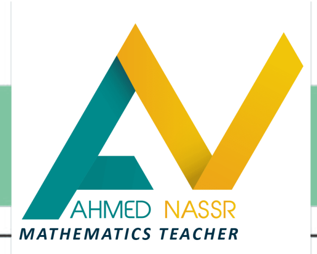
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32 One hundredth of the number 61.69 = ...

ⓐ 61.69 ÷ 0.01 ⓑ 61.69 ÷ 100 ⓒ 616.9 ⓓ 6,169

33 The multiple of any number is ....

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 100

34 5 Thousandths x 4 = ...

ⓐ 0.02 ⓑ 0.2 ⓒ 2 ⓓ 20

35 For the equation:7.325 - x = 4.127, which of the following part-to-whole bar modele is suitable ?

ⓐ

x	
7.325	4.127

ⓑ

4.127	
x	7.325

ⓒ

7.325	
x	4.127

ⓓ

x	
4.127	3.198

36 The prime number has .... factor(s).

ⓐ 0 ⓑ 1 ⓒ 2 ⓓ 3

37 18.58 ≈ .... (to the whole number)

ⓐ 18.6 ⓑ 19 ⓒ 18.60 ⓓ 18

38 What is the unknown value in the area model of 21 x 53 ?

	50	3
20	1,000	?
1	50	3

ⓐ 60 ⓑ 600 ⓒ 6,000 ⓓ 6

39 19 hundredths .... 19 thousands

ⓐ > ⓑ < ⓒ = ⓓ otherwise

40 4 x 354 = [4 x 300] + [4 x 50] + [.................]

ⓐ 4 x 4 ⓑ 4 x 40 ⓒ 4 x 400 ⓓ 40 x 40

41 5,200 gram = ... kg

ⓐ 2.5 ⓑ 5,200,000 ⓒ 5.2 ⓓ 0.052

42 27.86 ≈ 7.3 = ...

ⓐ 2,786 ÷ 730 ⓑ 278.6 ÷ 73 ⓒ 27.86 ÷ 73 ⓓ 27,860 ÷ 73

43 46 days ≈ .... weeks

ⓐ 5 ⓑ 6 ⓒ 7 ⓓ 8

44 2 ÷ 3 ≈ .... [to nearest hundredth]

ⓐ 0.66 ⓑ 0.76 ⓒ 0.666 ⓓ 0.67

45 25.25 ÷ 0.25 = ...

ⓐ 11 ⓑ 101 ⓒ 110 ⓓ 111

46 25 x 4 ÷ [6 - 5] = ...

ⓐ 100 ⓑ 101 ⓒ 0.01 ⓓ 165

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47 75 months ≈ .... years

ⓐ 5 ⓑ 6 ⓒ 7 ⓓ 8

48 [3 x 61] + [5 x 61] = ... x 61

ⓐ 53 ⓑ 35 ⓒ 8 ⓓ 6

49 5 hundredths + 13 thousandth = ...thousandths.

ⓐ 63 ⓑ 18 ⓒ 513 ⓓ 37

50 7.368 ÷ .... = 73.68

ⓐ 10 ⓑ 100 ⓒ 0.1 ⓓ 0.01

51 Since 8 x 12 = 96, then 0.8 x 0.12 = ...

ⓐ 0.96 ⓑ 0.0096 ⓒ 0.096 ⓓ 9.6

52 12 = ...

ⓐ 54 ÷ (3 + 6 x 2) ⓑ (54 ÷ 3) + (6 x 2) ⓒ 54 ÷ (3 + 6) x 2 ⓓ 54 ÷ [(3 + 6) x 2]

53 Subtract 2.2 from 6.42 and multiply the result by 3, then the expression is ....

ⓐ 2.2 x 2 - 6.42 ⓑ 3 x 6.42 -2.2 ⓒ 6.42 - 2.2 x 2 ⓓ (6.42 - 2.2) x 3

54 The rule of the pattern: 3, 7, 11, 15, ... is ....

ⓐ 2.2 x 2 - 6.42 ⓑ 3 x 6.42 -2.2 ⓒ 6.42 - 2.2 x 2 ⓓ (6.42 - 2.2) x 3

55 The value of this expression : [7.5 x 10] + 2.3 is ....

ⓐ 77.3 ⓑ 9.8 ⓒ 19.8 ⓓ 2.78

56 The value of digit 3 in the number 14.239 is ....

ⓐ 3 ⓑ 30 ⓒ 0.3 ⓓ 0.03

57 20.9 = ...

ⓐ 20 + 9 ⓑ 200 + 0.9 ⓒ 20 + 0.9 ⓓ 20 + 0.09

58 45 + 0.05 .... 45 + 0.50

ⓐ 6 x 1,000 ⓑ 60 x 100 ⓒ 600 x 10 ⓓ 600 x 100

59 The product 0.9 x 5 = ...

ⓐ 0.45 ⓑ 4.5 ⓒ 5.4 ⓓ 45

60 52.63 cm ≈ .... m

ⓐ 10 ⓑ 0.5263 ⓒ 1 ⓓ 5,263

61 3 tenths x 4 tenths = ...

ⓐ 12 tenths ⓑ 12 hundredth ⓒ 12 ones ⓓ 12 thousandths

62 1,500 ÷ 50 = ...

ⓐ 3 ⓑ 30 ⓒ 300 ⓓ 3,000

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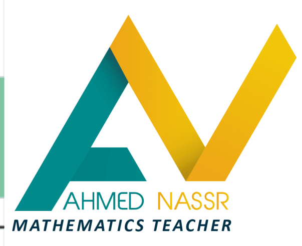
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63 The value of the variable A in the equation 77.85 + A = 99.85 is ....
ⓐ 177.7 ⓑ 33.5 ⓒ 22 ⓓ 12.5

64 The digit which represents hundredths in the number 52.319 is ....
ⓐ 2 ⓑ 3 ⓒ 1 ⓓ 9

65 The estimate of 34.14 + 9.750 is .... (using benchmark strategy)
ⓐ 43.800 ⓑ 44 ⓒ 39 ⓓ 43.9

66 Hany runs 110 minutes every day. What is the number of running minutes in 15 days?
ⓐ 1,065 ⓑ 1,605 ⓒ 1,560 ⓓ 1,650

67 Estimate the product of 971 x 23 is ....
ⓐ 20,000 ⓑ 8,000 ⓒ 2,000 ⓓ 20

68 1, 1, 2, 3, 5, 8, ... (in the same pattern)
ⓐ 10 ⓑ 11 ⓒ 12 ⓓ 13

69 The quotient of 2.4 ÷ 0.4 = ...
ⓐ 6 ⓑ 11 ⓒ 0.6 ⓓ 1.6

70 59 millimeters = ... cm
ⓐ 590 ⓑ 5.9 ⓒ 0.59 ⓓ 0.059

71 37 days ≈ .... week.
ⓐ 4 ⓑ 5 ⓒ 6 ⓓ 7

72 10 is a multiple of ....
ⓐ 3 ⓑ 4 ⓒ 5 ⓓ 6

73 108 is a multiple of ....
ⓐ 2 ⓑ 3 ⓒ 6 ⓓ All the pervious

74 8.43 x 0.2 ≈ .... [to the nearest Hundredth]
ⓐ 1.686 ⓑ 1.7 ⓒ 1.69 ⓓ 2

75 The smallest prime number formed from 2-digit is ....
ⓐ 2 ⓑ 3 ⓒ 10 ⓓ 11

76 If 7,785 ÷ 31 = 251 R 4, then 31 x 251 + 4 = ...
ⓐ 7,786 ⓑ 7,785 ⓒ 7,784 ⓓ 7,783

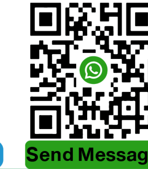
77 The LCM of 6 and 10 is ....
ⓐ 10 ⓑ 60 ⓒ 30 ⓓ 45

78 1 and 7 are the common factor of ....
ⓐ 2 and 7 ⓑ 2 and 14 ⓒ 7 and 12 ⓓ 7 and 14

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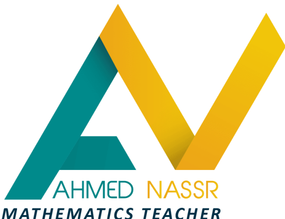
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79 576.47 x .... = 5.7647

ⓐ 100 ⓑ 0.1 ⓒ 0.01 ⓓ 10

80 8 hundredth x 6 = ...

ⓐ 48 hundreds ⓑ 48 hundredths ⓒ 4.8 ⓓ 48

81 The LCM of two numbers 3 and 2 is ....

ⓐ 3 ⓑ 2 ⓒ 0 ⓓ 6

82 0.9 is closer to ....

ⓐ 0.5 ⓑ 0.6 ⓒ 1 ⓓ 0.25

83 Factorize the number 30 to its prime factors is ....

ⓐ 2 x 3 x 3 ⓑ 5 x 5 x 2 ⓒ 3 x 3 x 3 ⓓ 3 x 2 x 5

84 If 8.23 + p = 10.24, then p = ...

ⓐ 18.47 ⓑ 2.47 ⓒ 2.01 ⓓ 2.41

85 250 + 0.2 + 0.05 = ...

ⓐ 25.25 ⓑ 250.25 ⓒ 250.205 ⓓ 25.205

86 If 9 x 4 = 36, then 0.090 x 0.4 = ...

ⓐ 36 ⓑ 3.6 ⓒ 0.36 ⓓ 0.036

87 If 1,785 ÷ 31= 251 and R 4 , then 31 x 251 = ...

ⓐ 1,784 ⓑ 7,182 ⓒ 7,781 ⓓ 7,783

88 Which is the first step in evaluating 28.1 - 3.5 x 0.2 + 29 - 4?

ⓐ 28.1 - 3.5 ⓑ 3.5 x 0.2 ⓒ 0.2 + 29 ⓓ 29 - 4

89 3 + 3 tenths + 3 hundredths = ...

ⓐ 333 ⓑ 33.3 ⓒ 3.33 ⓓ 0.333

90 19,625 mL = ... L

ⓐ 196.25 ⓑ 19.625 ⓒ 1,962.5 ⓓ 1.9625

91 If 496 = 4 x [A] + 9 x [B] + 6, then A+ B = ...

ⓐ 100 ⓑ 10 ⓒ 110 ⓓ 490

92 1,515 ÷ 15 = ...

ⓐ 15 ⓑ 11 ⓒ 101 ⓓ 1,001

93 The dividend in the equation: 48 ÷ 6 = 8 is ....

ⓐ 48 ⓑ 6 ⓒ 8 ⓓ otherwise

94 7 tenths - 7 hundredth = ...

ⓐ 0 ⓑ 0.63 ⓒ 0.693 ⓓ 0.963

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Q2: Complete the following:

1. Three and twenty five thousandths in standard form is ....
2. 3, 5, 7, 9, 11, ... [in the same pattern]
3. The GCF of any two prime numbers is ....
4. 17.17 x 0.1 = ...
5. If 4 x m = 32, then the value of m is ....
6. 4 Hundredths + 35 Thousandths = ... Thousandths.
7. Farida bought 42 books for 50 L.E each, She paid ....
8. The smallest odd prime number is ....
9. 320 x 15 = ... Hundreds
10. 85.34 + ... = 100
11. 1.3 + 3.45 x 8 - 2.02 = ...
12. If 325 ÷ 25 = 13 ,then 25 is called ....
13. 43 months ≈ .... year
14. If the price of 13 books is 390 pounds, then the price of each book equals ....
15. 8.002 in word form ....
16. The product of 689 x 21 is closer to the product of .... x ....
17. 89.36 ÷ 100 = 89.36 x ....
18. 200 + 30 + 0.5 + .007 = ...
19. 50 x 120 = ... hundreds
20. The value of variable y in the equation: 5.9 + y = 13.5 is ....
21. 4.2 x 2.5 = ...
22. The value of digit 0 in the number 12.03 is ....
23. If 548 x 6 = 3,288 , then 5.48 x 0.7 = ...
24. Any number is a multiple of ....

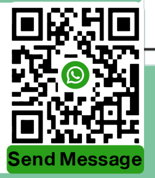
26. 54.39 ÷ .... = 54,390
27. 24 days ≈ .... week

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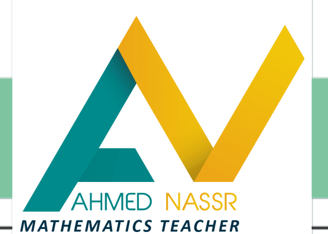

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28. .... - 41.41 = 3.8
29. 513.2 ÷ 0.01 = ...
30. 800 gram = ... kg
31. The LCM of any two prime numbers is ....
32. 24 x 15 = ... tens
33. The value of (F) in equation :10.94 - F = 9.04 is ....
34. 8.534 x 100 = ... [to the nearest whole number]
35. The multiples of 5 are the numbers whose ones digit is .... and ....
36. Quotient x divisor + remainder = ...
37. 350 cm = ... m
38. The common multiple of all numbers is ....
39. The quotient of: 62,24 ÷ 16 is equal to ....
40. The value of any number is increased when dividing by 10: (True or False)
41. The number whose all prime factors are 2, 3 and 3 is ....
42. The Ones digit of the product of 4,287 x 53 will be ....
43. The prime factors of 80 without repetition are ....
44. The L.C.M of 5 and 3 is ....
45. 85, 80, 75, ... rule ....
46. The prime numbers that lying between 20 and 30 are .... and ....
47. 2,785 ÷ 2,785 = ...
48. 97 thousandths - 49 thousandths = ...
49. .... x 1,000 = 405,000
50. The G.C.F of 12 and 16 is ....
51. The number whose all prime factors are 2,3 and 5 is ....
52. Million x zero .... 7.2 x 1 [using >, < or =]
53. 2.43 ÷ 0.01 = ...
54. 36.2 m = ... km
55. The prime factor of 35 are .... and ....

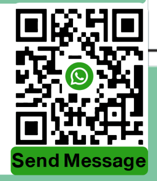
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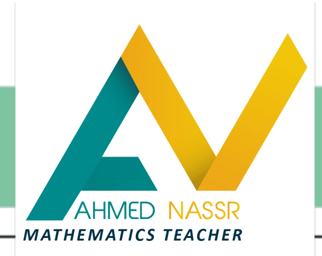
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Q3: Answer the following:

1 Find the common factors and GCF of 36 and 24:

- Factor of 36: .... - Factor of 24: ....
- Common factor: .... - GCF = ...

2 Nassr bought 12 cans of soda, if the price of one can is 8.5 pounds.
How much money did Nassr pay ?

3 [72.12 + 2.71] x 10 = ...

4 Find value of x in the equation: x - 6.82 = 1.23

5 Find GCF and LCM by factorization of 12, 8 and 18:

6 Hanaa has 200 pounds. She wants to buy a pair of shoes for 99.8 L.E
a bag for 45.75 L.E. and a dress for 70.25 L.E
Can she buy all what she wants? why?

7 A father wants to distribute 420 L.E. among his four children, He gave the oldest one half of total. How much money did each of other child get?

8 Use the mathematical order of operations to evaluate the following expression.

3.3 ÷ 3 x 10 - 10

9 Mona had 86.5 L.E.she spent 43.75 L.E Find the remainder with her

10 A school with 779 students, distributed equally into 19 classes.
Find the number of students in each class ?

11 Decompose the number 60,047 using the expanded form

Round the following to nearest hundredth:

1) 12.36 ÷ 1.7 b) 36.87 x 2.4 c) 61.75 ÷ 3.7

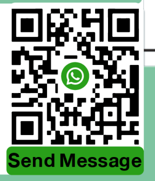
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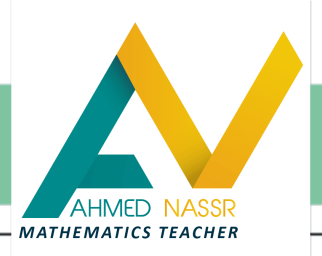








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12 Mona had 95.5 L.E, She spent 35.75 L.E. Find the remainder with her

13 If the price of a bottte of juice is 14.5 L.E.
what is the price of 15 bottles of the same juice ?

14 Mona bought 24 pens ,the price of each pen is 1.24 pounds
How much money did Mona pay ?

15 Use the distributive property of multiplication and area model
to find the product of 26 x 43.

16 Arrange the following in ascending order:

1.351 , 1.135 , 1.531 , 1.315 , 3.135

17 Find the result of: 2.14 x 2.7

18 Use the mathematical order of operations to evaluate the following expression.

7+ 3 x [5 - [3 x 1]] - 12 ÷ 10

19 Subtract 4.5 from 8.6 , then multiply the result by 0.001

20 If the LCM of two numbers is 36 and their G.C.F is 3,
what could be these two numbers?

20 The weight of Farida is 45.235 kg, and the weight
of Mazen is 52.012 kg, Find their weight together.

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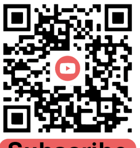
21 If the sum of two decimal numbers is 40.1 and the smaller number
of them is 4.992, what is the greater decimal number ?

22 What is the number that if divided by 6, the quotient is 27?

23 Marwa saved 125 pounds ,Ahmed saved 10 times as Marwa
,Mariam saved 6 times as Marwa, How much money they saved ?

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Q1: Choose the correct answer: (7 marks)

1. The quotient of 2.4 ÷ 0.4 = ...
   a) 6 b) 11 c) 0.6 d) 1.6
2. [3 x 61] + [5 x 61] = ... x 61
   a) 53 b) 35 c) 8 d) 6
3. The LCM of two numbers 3 and 2 is ....
   a) 3 b) 2 c) 0 d) 6
4. The second step to evalute the expression 9.3 x 0.1 + 4.7 - 1.1 is ....
   a) 9.3 x 0.1 b) 9.3 x 4.8 c) 0.93 + 4.7 d) 0.93 + 1.1
5. 250 + 0.2 + 0.05 = ...
   a) 25.25 b) 250.25 c) 250.205 d) 25.205
6. 19,625 mL = ... L
   a) 196.25 b) 19.625 c) 1,962.5 d) 1.9625
7. The dividend in the equation: 48 ÷ 6 = 8 is ....
   a) 48 b) 6 c) 8 d) otherwise

Q2: Complete the following: (8 marks)

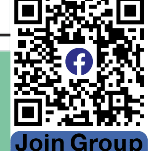
1. 3, 5, 7, 9, 11, ... [in the same pattern]
2. 24 x 15 = ... tens
3. Quotient x divisor + remainder = ...
4. The common multiple of all numbers is ....
5. .... x 1,000 = 405,000
6. The value of digit 0 in the number 12.03 is ....
7. If 325 ÷ 25 = 13 ,then 25 is called ....
8. The smallest odd prime number is ....

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Q3: Choose the correct answer: (7 marks)

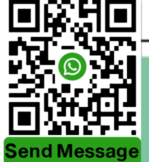
1. The mathematical phrases : 25 + 3.6 = m represents ....
   a) variable b) equation c) expression d) neither

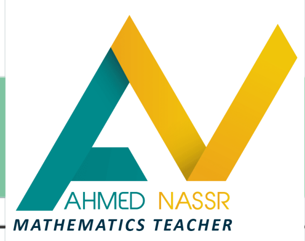
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2 Factorize the number 30 to its prime factors is ....

ⓐ 2 x 3 x 3 ⓑ 5 x 5 x 2 ⓒ 3 x 3 x 3 ⓓ 3 x 2 x 5

3 6 ÷ 7 ≈ .... [to nearest hundredth]

ⓐ 0.857 ⓑ 0.86 ⓒ 0.86 ⓓ 0.9

4 The rule of the pattern: 3, 7, 11, 15, ... is ....

ⓐ 2.2 x 2 - 6.42 ⓑ 3 x 6.42 -2.2 ⓒ 6.42 - 2.2 x 2 ⓓ (6.42 - 2.2) x 3

5 75 months ≈ .... years

ⓐ 5 ⓑ 6 ⓒ 7 ⓓ 8

6 3 tenths x 4 tenths = ...

ⓐ 12 tenths ⓑ 12 hundredth ⓒ 12 ones ⓓ 12 thousandths

7 There are .... centimeters in 3 km

ⓐ 300 ⓑ 3,000 ⓒ 30,000 ⓓ 300,000

Q3: Choose the correct answer: (7 marks)

1 Find value of x in the equation: x - 6.82 = 1.23

....

2 Find the common factors and GCF of 18 and 12:

- Factor of 18: .... - Factor of 12: ....
- Common factor: .... - GCF = ...

3 Use the mathematical order of operations to evaluate the following expression.

7+ 3 x [5 - [3 x 1]] - 12 ÷ 10

....

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4 Round the following to nearest hundredth:

1) 12.36 ÷ 1.7 b) 36.87 x 2.4 c) 61.75 ÷ 3.7

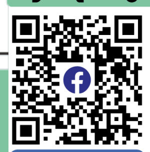
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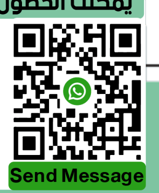
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كيفية طباعة صفحات معينة من ملف معين

مثلا ازاى نطبع الصفحات من صفحة 4 الى صفحة 9

خطوة 1

خطوة 2
اختيار اسم الطابعة بتاعتك

خطوة 3
كتابة الصفحات المراد طباعتها
نكتب رقم 4 ثم نكتب الشرطة
دي - ثم نكتب 9

خطوة 4
اختيار نوع الورق

خطوة 5
اختيار A4

خطوة 6